

Set Items Description
S1 271 AU=(DUTTA R? OR DUTTA, R?)
S2 842353 CONTENT? ? OR PUBLICATION? ? OR NEWSPAPER? ? OR PERIODICAL?
 ? OR BROADCAST? OR BROAD()CAST???
S3 60472 SYNDICAT? OR EXCLUSIV?
S4 11073 CONFLICT? OR CLASH? OR INCONSISTEN? OR CONTRADICT?
S5 3284127 DOWNLOAD? OR TRANSMIT? OR TRANSMIS? OR TRANSFER? OR DISTRI-
 BUT? OR DOWN()LOAD?
S6 935471 CONSUMER? OR CUSTOMER? OR CLIENT? OR BUYER? OR PURCHASER? -
 OR USER? OR PEOPLE OR PERSON? ? OR SUBSCRIBER? OR PARTICIPANT?
S7 3673134 CONDITION? OR CRITERIA OR REQUIRE? OR SPECIFI? OR CONSTRAI-
 N?
S8 775969 SAME () TIME? OR SIMULTANEOUS? OR CONCURRENT?
S9 3840 S3 AND S2
S10 27 S9 AND S4
S11 43129 S5(5N)S2
S12 354 S11 AND S3
S13 74 S12 AND S7
S14 11 S13 AND (S8 OR S4)
S15 38 S10 OR S14

? show file

File 347:JAPIO Nov 1976-2005/Jan (Updated 050506)

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File 350:Derwent WPIX 1963-2005/UD,UM &UP=200531

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15/5/1 (Item 1 from file: 347)
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07997812 **Image available**
PROCEDURE SYSTEM, ITS SERVER DEVICE, AND BUSINESS FORM FOR ELECTRONIC PEN

PUB. NO.: 2004-110571 [JP 2004110571 A]
PUBLISHED: April 08, 2004 (20040408)
INVENTOR(s): SUGIHARA HIROSUKE
UENO KOYO
YONE YUTAKA
SAKAMOTO SANAE
APPLICANT(s): DAINIPPON PRINTING CO LTD
APPL. NO.: 2002-273977 [JP 2002273977]
FILED: September 19, 2002 (20020919)
INTL CLASS: G06F-003/03; G06F-003/00; G06K-009/62

ABSTRACT

PROBLEM TO BE SOLVED: To simplify various procedure such as an application using an electronic pen.

SOLUTION: A user who takes the procedure, enters necessary matters with the electronic pen on an **exclusive** business form with a dot pattern printed for the electronic pen. The electronic pen **transmits** entry data corresponding to entry **contents**, to a terminal unit, and the terminal unit transmits the entry data to a server device through a network or the like. The server device receives the entry data and performs processing on the business form. **Specifically**, the server device pads the entry data in an electronic business form corresponding to the business form, to prepare an electronic business form, and stores the electronic business form in a database. The user can thus make an entry in the **required** business form to carry out the procedure using the electronic pen as an input means. The user can perform business form entry work without a sense of incongruity by a familiar input method with the conventional business form and pen and acquires electronic data on the entry contents **simultaneously** with the electronic pen. The procedure can thereby be efficiently carried out without requiring special skill and knowledge of the user in comparison with the case of the user inputting an electronic form.

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15/5/2 (Item 2 from file: 347)
DIALOG(R) File 347:JAPIO
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06969451 **Image available**
CHARACTER INFORMATION BROADCASTING METHOD BY DIGITAL RADIO TELEPHONE AND BROADCASTING SYSTEM THEREFOR

PUB. NO.: 2001-197021 [JP 2001197021 A]
PUBLISHED: July 19, 2001 (20010719)
INVENTOR(s): OTA HIROSHI
KAMATAKI HIDEKI
KITAMURA TOSHIKAZU
UETSUKI SHINJI
YAMAMURA TAKASHI
APPLICANT(s): J-PHONE EAST CO LTD
APPL. NO.: 2000-004361 [JP 20004361]

FILED: January 13, 2000 (20000113)
INTL CLASS: H04H-001/00; H04Q-007/38

ABSTRACT

PROBLEM TO BE SOLVED: To provide a character information broadcasting system by digital radio telephone, which can provide many different pieces of character information selectively for all subscribers by areas at the same time and also provide emergency information without delay, and broadcasting system therefor.

SOLUTION: This system is equipped with a broadcasting center 20 which obtains plural contents from an information service providing source, converts the contents into packets for a cell broadcasting map including one broadcasting channel in an on-air period, and downloads them, an exchange 13 which receives the packets for the cell broadcasting map downloaded from the broadcasting center 20, sets the packets by superframes of an exclusively provided physical channel for broadcasting, and transmits them to a base station 12 of a specified broadcasting area, and a mobile device 11 which receives the physical channel for broadcasting transmitted from the exchange 13 through the base station 12 and displays the contents by a display part 44.

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15/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
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06824501 **Image available**
DOCUMENT EDITOR

PUB. NO.: 2001-051995 [JP 2001051995 A]
PUBLISHED: February 23, 2001 (20010223)
INVENTOR(s): KATSURABAYASHI HIROSHI
NOGUCHI TAKASHI
KUROSAWA AKIRA
TAKEO NOBUYUKI
SATO TOMOHIRO
APPLICANT(s): FUJI XEROX CO LTD
APPL. NO.: 11-226443 [JP 99226443]
FILED: August 10, 1999 (19990810)
INTL CLASS: G06F-017/24; G06F-012/00; G06F-017/21

ABSTRACT

PROBLEM TO BE SOLVED: To cancel inconvenience caused by exclusive editing control by providing a personal document part in which the right of exclusive editing is set to a specified user inside a shared document.

SOLUTION: The shared document shared by plural users is stored in a document storage part 22, a lock information managing part 23 issues the right of exclusive editing to the shared document corresponding to a request from a user, only editing contents based on the exclusive editing right are overwritten and stored in the document storage part 22, and the shared document is edited without conflict. Then, a single shared document is composed of a shared document part to perform this exclusive editing control and a personal document part and the lock information managing part 23 excludes the personal document from a controlled system. Thus, even when the exclusive editing right is set to the shared document

part, the user can edit the personal document part.

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15/5/4 (Item 4 from file: 347)
DIALOG(R) File 347:JAPIO
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04757209 **Image available**
CACHE MEMORY CONTROLLER

PUB. NO.: 07-049809 [JP 7049809 A]
PUBLISHED: February 21, 1995 (19950221)
INVENTOR(s): SATO MASATOSHI
TAKEDA KOICHI
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 05-215299 [JP 93215299]
FILED: August 06, 1993 (19930806)
INTL CLASS: [6] G06F-012/08
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)

ABSTRACT

PURPOSE: To prevent the performance of a large-scale multiprocessor system from decreasing and guarantee no **contradiction** by dividing an operation group of processor elements and putting them in synchronous units which **exclusively** use a network only at the time of signal transmission.

CONSTITUTION: The processor elements 10-1 to 10-n are connected to a common bus 30. The synchronous unit control parts 13-1 to 13-n in the respective processor elements 10-1 to 10-n perform control so that the common bus is **exclusively** used only at the time of signal transmission. Monitor parts 14-1 to 14-n after **exclusively** using the common bus 30 by the synchronous unit control parts 13-1 to 13-n monitor the common bus 30 only for a maximum time required to receive a response to a request. State management parts 15-1 to 15-n determine the states of data of cache memories 12-1 to 12-n according to the **contents** of a signal which is inputted within the monitor time. Consequently, the utilization efficiency of the common bus 30 is improved to prevent the speed of the large-scale common bus from decreasing.

15/5/5 (Item 5 from file: 347)
DIALOG(R) File 347:JAPIO
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04594721 **Image available**
DATA ACCESS METHOD

PUB. NO.: 06-266621 [JP 6266621 A]
PUBLISHED: September 22, 1994 (19940922)
INVENTOR(s): SHIOZAWA TSUNEMICHI
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 05-057057 [JP 9357057]
FILED: March 17, 1993 (19930317)
INTL CLASS: [5] G06F-012/08; G06F-012/08
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 1847, Vol. 18, No. 676, Pg. 62, December 20, 1994 (19941220)

ABSTRACT

PURPOSE: To detect access which is **inconsistent** with **exclusive** control information which is set and the instruction of the setting/release of **exclusive** control information by a cache memory and to set access to data to be highly reliable.

CONSTITUTION: A cache memory 2 consisting of plural entries has the notice means of effect that **inconsistent** access is executed to a processing unit 1, and the respective entries have means storing the block **content** of a main memory 4 and **exclusive** control information for a stored block. The processing unit 1 has a means for setting/releasing **exclusive** control information. When the processing unit 1 accesses to the block of the main memory 4, the cache memory 2 informs the processing unit 1 of effect that **inconsistent** access is executed if an access type which the processing unit outputs and **exclusive** control information for the block stored in the entry concerned are a previously decided combination.

15/5/6 (Item 6 from file: 347)

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04330586 **Image available**

AIR CONDITIONER

PUB. NO.: 05-322286 [JP 5322286 A]

PUBLISHED: December 07, 1993 (19931207)

INVENTOR(s): HATTORI SHINJI

MASUI KOKI

SUGIMOTO TATSUHIKO

APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 04-133357 [JP 92133357]

FILED: May 26, 1992 (19920526)

INTL CLASS: [5] F24F-011/02

JAPIO CLASS: 24.2 (CHEMICAL ENGINEERING -- Heating & Cooling)

JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)

JOURNAL: Section: M, Section No. 1575, Vol. 18, No. 147, Pg. 112, March 11, 1994 (19940311)

ABSTRACT

PURPOSE: To provide an air **conditioner** which can be restored to its state before troubled **condition** within a short period of time and confirm positively its repaired state without adjusting an **exclusive** tool or a sensor.

CONSTITUTION: Stored data of a memory means 12 and control data of a control means 13 are divided into a plurality of blocks and transmitted from a data transmitting terminal 16 as a serial signal and only the data of block showing variation in its **content** as the time elapses is **transmitted** and at the **same time** data is read into only the **specified** block of a plurality of blocks through the data receiving terminal 17.

15/5/7 (Item 7 from file: 347)

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04143214 **Image available**
EXCLUSIVE CONTROL SYSTEM FOR FILE

PUB. NO.: 05-134914 [JP 5134914 A]
PUBLISHED: June 01, 1993 (19930601)
INVENTOR(s): FUJITA YUKO
APPLICANT(s): HOKURIKU NIPPON DENKI SOFTWARE KK [000000] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 03-296911 [JP 91296911]
FILED: November 13, 1991 (19911113)
INTL CLASS: [5] G06F-012/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 1614, Vol. 17, No. 515, Pg. 124, September 16, 1993 (19930916)

ABSTRACT

PURPOSE: To share a file and to perform the updating/reference of the file with no **conflict** of the file **contents** by carrying out the **exclusive** control of the file when the on-line and batch jobs are carried out.

CONSTITUTION: An **exclusive** control record 8 is provided to show whether the file to be shared is used or not together with an on-line busy mode setting means 3 which sets the record 8 in a busy mode through the on-line processing, a batch busy mode setting means 5 which sets the record 8 in a busy mode through the patch processing, and a batch resetting means 6 which sets the record 8 in an unused mode.

15/5/8 (Item 8 from file: 347)

DIALOG(R) File 347:JAPIO
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03639341 **Image available**
SYSTEM FOR **EXCLUSIVELY** CONTROLLING MEMORY

PUB. NO.: 04-004441 [JP 4004441 A]
PUBLISHED: January 08, 1992 (19920108)
INVENTOR(s): AIHARA TAKASHI
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 02-105409 [JP 90105409]
FILED: April 23, 1990 (19900423)
INTL CLASS: [5] G06F-012/00; G06F-015/16
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1337, Vol. 16, No. 151, Pg. 56, April 14, 1992 (19920414)

ABSTRACT

PURPOSE: To avoid a **conflict** between **exclusive** requests by reading out the **content** of a flag and, when the **content** is 'used', canceling an **exclusive** request without rewriting the **content** of the flag.

CONSTITUTION: When a processor 1(2) makes flag rewriting operation, the **content** of the flag is read out and whether the **content** is 'used' or 'not used' is confirmed. When the **content** is 'used', a process which cancels an **exclusive** request must be made instead of rewriting the **content** of the flag. Accordingly, a **conflict** between **exclusive** requests can be avoided, because a new **exclusive** request accepted by a memory device while another processor 2 (1) makes flag rewriting operation is eliminated by the processor which has issued the new request. Therefore,

excellent control which avoids a **conflict** between **exclusive** requests can be performed even when rewriting operation is made on a flag incorporated in a memory device 3 or 4.

15/5/9 (Item 9 from file: 347)
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03512664 **Image available**
INTERLOCKING PROCESSING SYSTEM FOR MULTICOMPUTER SYSTEM

PUB. NO.: 03-175564 [JP 3175564 A]
PUBLISHED: July 30, 1991 (19910730)
INVENTOR(s): SHIBATA MEGUMI
NAGAI YOSHIRO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
SHIZUOKA NIPPON DENKI SOFTWARE KK [000000] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-314966 [JP 89314966]
FILED: December 04, 1989 (19891204)
INTL CLASS: [5] G06F-015/16; G06F-011/00
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units)
JOURNAL: Section: P, Section No. 1269, Vol. 15, No. 426, Pg. 80, October 29, 1991 (19911029)

ABSTRACT

PURPOSE: To efficiently perform the recovery processing at the time of the occurrence of trouble preventing **contradictions** of data in an application file and without the unnecessary use of computer resources by performing not only protection control dependent upon **exclusive** control of an application file but also confirmation of the processing state and update of the application file for the unprocessed state.

CONSTITUTION: During the processing of a designated application related to the interlocking processing in a start request destination computer 2, not only protection control dependent on the **exclusive** control of an application file is performed for the purpose of preventing **contradictions** of **contents** of the application file 14 to be updated in a start request source computer 1 but also the control processing of data transmission/reception between computers 1 and 2 is so performed that the application processing is independently executed and concluded. At the time of the occurrence of trouble, a cancel instruction is not outputted from the start request source computer 1 to return an application file 24 in the start request destination computer 2 to the state before processing, but output the processing confirmation and reprocessing instruction to confirm the processing then instruct the reprocessing if confirmed that the application file is not update. Thus, the recovery processing is simplified to prevent the unnecessary use of computer resources due to the cancel instruction.

15/5/10 (Item 10 from file: 347)
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03502063 **Image available**
EXCLUSIVE CONTROL SYSTEM FOR INFORMATION PROCESSOR

PUB. NO.: 03-164963 [JP 3164963 A]
PUBLISHED: July 16, 1991 (19910716)
INVENTOR(s): SHIOZAWA TSUNEMICHI
APPLICANT(s): NIPPON TELEGR & TELEPH CORP<NTT> [000422] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-305926 [JP 89305926]
FILED: November 24, 1989 (19891124)
INTL CLASS: [5] G06F-015/16; G06F-012/08; G06F-015/16
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 1264, Vol. 15, No. 410, Pg. 23, October 18, 1991 (19911018)

ABSTRACT

PURPOSE: To decrease the **conflicting** frequency of a system bus by storing a block including an **exclusive** control byte into a cache memory of its own processing unit if the use of the shared information is inhibited.
CONSTITUTION: The information called an **exclusive** control byte is stored in a main memory 5 for control of the shared information. The processing units 1-3 read out the **exclusive** control bytes for use of the shared information. If the shared information is available, the units 1-3 rewrite the **contents** of **exclusive** control bytes into the value showing that the shared information is kept under use. If the use of the shared information is inhibited, the units 1-3 store the blocks including the **exclusive** control bytes into the cache memories 11-31 of their own processing units. Then the **exclusive** control byte of the memory 5 is rewritten via a processing unit which is through with use of the shared information. Then the processing is carried out again for acquisition of the using right of the shared information when this information is available. Thus it is possible to reduce the access frequency to the memory 5 and to reduce the using frequency of a system bus.

15/5/11 (Item 11 from file: 347)
DIALOG(R)File 347:JAPIO
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03467936 **Image available**
DUPLEX DEVICE AND ITS HANDLING METHOD

PUB. NO.: 03-130836 [JP 3130836 A]
PUBLISHED: June 04, 1991 (19910604)
INVENTOR(s): EJIRI MASAHIRO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-268106 [JP 89268106]
FILED: October 17, 1989 (19891017)
INTL CLASS: [5] G06F-011/20; G06F-015/16
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units); 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1246, Vol. 15, No. 347, Pg. 32, September 03, 1991 (19910903)

ABSTRACT

PURPOSE: To prevent the overflow of a queue memory included in a copy device without deteriorating the on-line throughput by outputting a detection signal to a central controller of its own system, stopping the execution of a test program, eliminating the **conflict** state of a bus, and using **exclusively** the bus via the copy device.

CONSTITUTION: The central control parts 11 and 21, the storage parts 12 and 22, and the copy parts 12 and 23 including the queue memories which secure the coincidence with the storage **contents** are connected to each other via the buses 14, 24 and 31 respectively in a duplex system. Then the part 11 of one of both systems performs the on-line processing and the part 21 of the other system performs the transfer of a test program. If the **conflict** is produced between the access of the part 21 of the system which transfers the test program and the access of the copy part 23 of the same system together with the coincidence secured between the storage **contents** of both systems, the transfer of the test program is discontinued before the queue memory of said system has an overflow. Thus it is possible to prevent the overflow of the queue memory of the copy device 23 without deteriorating the on-line throughput.

15/5/12 (Item 12 from file: 347)
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03138841 **Image available**
FILE EXCLUSIVE CONTROL SYSTEM

PUB. NO.: 02-114341 [JP 2114341 A]
PUBLISHED: April 26, 1990 (19900426)
INVENTOR(s): KOIKE SHINICHI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 63-267209 [JP 88267209]
FILED: October 25, 1988 (19881025)
INTL CLASS: [5] G06F-012/00; G06F-012/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 1079, Vol. 14, No. 337, Pg. 46, July
20, 1990 (19900720)

ABSTRACT

PURPOSE: To suppress the generation of an **inconsistent** event to be generated due to the updating of a file by providing the title system with a means for executing the **exclusive** control of a file after the end of a task.

CONSTITUTION: The **contents** of a data base updating counter 8 and an other task updating inhibiting flag 9 for records in an on-line file 5 are referred to in executing **exclusive** control. At the time of ending a task, file control information in a file control means 6 is stored, and at the time of driving the task, the information is rerecorded in the means 6. Consequently, the **exclusive** control of files in the conversational on-line system can be widely, optionally and simply executed and the permission or inhibition control of file updating can be clearly executed.

15/5/13 (Item 13 from file: 347)
DIALOG(R) File 347:JAPIO
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02095018 **Image available**
CHECKING SYSTEM FOR MEMORY BACK-UP BATTERY

PUB. NO.: 62-011918 [JP 62011918 A]
PUBLISHED: January 20, 1987 (19870120)
INVENTOR(s): MARUYAMA HIROSHI

APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 60-151540 [JP 85151540]
FILED: July 10, 1985 (19850710)
INTL CLASS: [4] G06F-001/00; G06F-012/16
JAPIO CLASS: 45.9 (INFORMATION PROCESSING -- Other); 45.2 (INFORMATION
PROCESSING -- Memory Units)
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers &
Microprocessors)
JOURNAL: Section: P, Section No. 586, Vol. 11, No. 186, Pg. 18, June
16, 1987 (19870616)

ABSTRACT

PURPOSE: To prevent the program runaways and the destruction of the check data due to the program logic **conflict** without using any **exclusive** device, by providing the battery check data on a memory with a space of a fixed piece of data or more.

CONSTITUTION: When an address (a) is used as a battery check memory X for memory back-up, the address (b) of the 2nd check memory Y is set at a place away from the address (a) of the memory X by (c) bytes or more. In other words, the memory **contents** show X(AA) in the address (a) together with the memory **contents** showing Y(SS) in the address (b) respectively. Thus it is avoided that both the check data X and check data Y are destructed at a time by a single instruction. Furthermore, the **contents** of the address (b) are secured as long as a back-up batter 5 is normal even in case the logic **conflict** occurs during the operation of a system 1 and the **contents** of the address (a) are destructed. This improves the reliability with the system restart processing.

15/5/14 (Item 14 from file: 347)
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01881350 **Image available**
EXCLUSIVE CONTROL SYSTEM OF RECORD

PUB. NO.: 61-095450 [JP 61095450 A]
PUBLISHED: May 14, 1986 (19860514)
INVENTOR(s): KUWANO YUZO
MATSUMOTO MASARU
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 59-217732 [JP 84217732]
FILED: October 17, 1984 (19841017)
INTL CLASS: [4] G06F-009/46
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units)
JOURNAL: Section: P, Section No. 498, Vol. 10, No. 274, Pg. 33,
September 18, 1986 (19860918)

ABSTRACT

PURPOSE: To improve the reliability of data by reading data again immediately before the update of the data and comparing the read data with the **contents** obtained before change.

CONSTITUTION: Data are read from an external storage device 24 to an I/O buffer 22 and transferred to a record storing area 21. After changing the data, the changed data are transferred from a keyboard on a CRT26 to a changed data storing area 23. The same record is read again from the device 24 to the buffer 22 and the **contents** of the area 21 are compared with

that of the buffer 22. When both the **contents** coincide with each other, the data stored in the area 23 are transferred to the buffer 22. Consequently, the **contents** of the buffer 22 are written in the device 24. When both the **contents** are **inconsistent**, data in the device 24 have been already changed by another program, so that the data in the buffer 22 are not written in the device 24. A message indicating the completion of change is displayed on the screen of the CRT26 to make the operator select the stop of the processing or the continuation of the processing.

15/5/15 (Item 15 from file: 347)
DIALOG(R) File 347:JAPIO
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01583480 **Image available**
BUBBLE MEMORY DEMAGNETIZATION TESTER HAVING FUNCTION OF PACKAGE TESTER

PUB. NO.: 60-061980 [JP 60061980 A]
PUBLISHED: April 09, 1985 (19850409)
INVENTOR(s): HIRATA KANEMI
KOBAYASHI YOSHIO
KOIZUMI MASAJI
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 58-169443 [JP 83169443]
FILED: September 16, 1983 (19830916)
INTL CLASS: [4] G11C-011/14; G11C-019/08
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)
JAPIO KEYWORD: R099 (ELECTRONIC MATERIALS -- Single Crystal Ferrite & Magnetic Bubble Element
JOURNAL: Section: P, Section No. 379, Vol. 09, No. 195, Pg. 162, August 13, 1985 (19850813)

ABSTRACT

PURPOSE: To perform both a demagnetization test and a package test with just a single device and to improve the operability of this tester device, by unifying a demagnetization tester and a package tester with common use secured for same components and at the **same time** having a loadable/unloadable structure for both a demagnetization program electric power supply and a demagnetization coil.

CONSTITUTION: Both a demagnetization program power supply 34 and a demagnetization coil 35 can be loaded and unloaded and then loaded only for a demagnetization test. In the case of this demagnetization test, a demagnetization control part 31 is started and **transfers** the **contents** of a demagnetization test data part 32 to a program power supply part 16 to decide the current value of a bubble driver 18. In a package test mode a package test control part 13 **transfers** the **contents** of a package test data part 15 to the part 16 to decide the current value of the driver 18. Both **exclusive** data parts 15 and 32 are **required** for both demagnetization test and package test since the sequences are different from each other for measurement of characteristics. A read/write data part 14 and a data pattern generator 20 can be used in common with both tests.

15/5/16 (Item 16 from file: 347)
DIALOG(R) File 347:JAPIO
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01576044 **Image available**

COMMUNICATION SYSTEM OF ENCODED DATA

PUB. NO.: 60-054544 [JP 60054544 A]
PUBLISHED: March 29, 1985 (19850329)
INVENTOR(s): SAKAMOTO SHUNICHIRO
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 58-161957 [JP 83161957]
FILED: September 05, 1983 (19830905)
INTL CLASS: [4] H04L-009/02
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy)
JOURNAL: Section: E, Section No. 332, Vol. 09, No. 185, Pg. 80, July 31, 1985 (19850731).

ABSTRACT

PURPOSE: To prevent a secret from leaking out, by changing code keys at random at every data transmission without making any data key operations before encoded communication is made and checking the validity of a data key at the receiving side.

CONSTITUTION: The same value is inputted into common key registers 4 and 13. When a transmission request is made to an input interface 5, an individual key request is generated 6 and the **exclusive** ''OR'' 7 with a common key is obtained. The obtained **exclusive** ''OR'' is inputted into an encoding circuit section 8 and, at the **same time**, inputted into an individual area 91 through a line 61. The outputs of the common register 4 and input interface 5 are encoded 8 through a selecting circuit 10 and V-registered 92 and 93 after **distribution** 11. The **content** of a **transmission** buffer 9 is controlled 12 and sent to a decoding device 300 through a circuit 400. Then the content is set in a buffer 15 under a reception controlled **condition** 14 and the **exclusive** ''OR'' 16 with the value of the common key register 13 is found, and then, the content is decoded. The decoded content is registered. Thereafter, data for checking 152 are selected 18, decoded 17, and distributed 19. After that the distribution coincidence between the data 152 and the value of the register 13 is detected 20, and thus, a secret is kept.

15/5/17 (Item 17 from file: 347)
DIALOG(R) File 347:JAPIO
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01537257 **Image available**
MEMORY CONTROL CIRCUIT

PUB. NO.: 60-015757 [JP 60015757 A]
PUBLISHED: January 26, 1985 (19850126)
INVENTOR(s): ITO TSUTOMU
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 58-122737 [JP 83122737]
FILED: July 06, 1983 (19830706)
INTL CLASS: [4] G06F-012/06; G09G-001/00; G09G-001/02
JAPIO CLASS: 44.9 (COMMUNICATION -- Other); 45.2 (INFORMATION PROCESSING -- Memory Units)
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)
JOURNAL: Section: P, Section No. 362, Vol. 09, No. 133, Pg. 80, June 08, 1985 (19850608)

ABSTRACT

PURPOSE: To exclude a memory **exclusive** for character patterns with no

deterioration of executing speed and efficiency of a program, by providing a memory area for character patterns to a CS in order to avoid the conflict between the program and the character pattern.

CONSTITUTION: Programs, codes and character patterns are stored to each area of a memory A; while programs and character patterns are stored to each area of a memory B, respectively. The programs have different contents and the character patterns are equal between memories A and B. When a microprocessor 1 gives an access to the program of the memory A and executes it, the character pattern is read out of the memory B. While the character pattern is read out of the memory A when the processor 1 gives an access to the memory B and executes a program. For this purpose, a memory selection circuit 2 switches circuits.

15/5/18 (Item 18 from file: 347)
DIALOG(R) File 347:JAPIO
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01434681 **Image available**
CHARACTER BROADCAST RECEIVER

PUB. NO.: 59-146281 [JP 59146281 A]
PUBLISHED: August 22, 1984 (19840822)
INVENTOR(s): TANI MASAHIKO
 TAKEMURA KINYA
 FUKUZAKI KAZUHIRO
 NISHIDA NAOKI
 INOOKA TOSHIHIRO
 YASUMOTO TAKASHI
APPLICANT(s): SHARP CORP [000504] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 58-021218 [JP 8321218]
FILED: February 09, 1983 (19830209)
INTL CLASS: [3] H04N-007/08
JAPIO CLASS: 44.6 (COMMUNICATION -- Television)
JAPIO KEYWORD: R011 (LIQUID CRYSTALS)
JOURNAL: Section: E, Section No. 285, Vol. 08, No. 277, Pg. 116,
 December 18, 1984 (19841218)

ABSTRACT

PURPOSE: To attain miniaturization and low cost by using a flat display device and utilizing a part of the display device not displaying characters normally and displaying key input information to omit an **exclusive** key input display device.

CONSTITUTION: A normal character screen is displayed on a region 2 in Figure (a) in the flat display device 11, and input information from a key input section 17 is displayed on a region 3 at the **same time**. The key input section 17 gives an instruction to a character decode section 19 such as processing methods of selection, storage, processing and display or the like of information **required** from character **broadcast** information **transmitted**. This instruction is converted by a key data character/graph conversion ROM 18 of the pattern display memory 14 and stored in the memory 14. The processing in response to the instruction is performed in the memory 14, the character data is decoded and the pattern is stored. The key input display device detects key input information, extracts the pattern to display the information or color information from the ROM 18 and writes it in the pattern display memory 14 and a color display memory 15. Then, it is displayed on the region 3, i.e., the display section in Figure (b).

15/5/19 (Item 19 from file: 347)
DIALOG(R) File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

01292064 **Image available**
EXCLUSIVE CONTROLLING SYSTEM

PUB. NO.: 59-003664 [JP 59003664 A]
PUBLISHED: January 10, 1984 (19840110)
INVENTOR(s): OKAJIMA HIDENOBU
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 57-113304 [JP 82113304]
FILED: June 30, 1982 (19820630)
INTL CLASS: [3] G06F-013/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 270, Vol. 08, No. 89, Pg. 79, April
24, 1984 (19840424)

ABSTRACT

PURPOSE: To realize passive **exclusive** control free of logical **contradiction** on a control side by consciously rewriting the **contents** of a key part on a desired record to be processed **exclusively** during reading operation and collating the **contents** during writing operation.
CONSTITUTION: When the **contents** of the key part K show that data should be written in a record 3 of .beta. in **exclusive** form, a data processor 1 accesses an external mass-storage device 2 by a channel control word 5. When the record 3 is found, a processing part 4 changes the **contents** of the key part K of the record 3 into .gamma. and reads the **contents** of a data part D. The data processor 1 accesses the external mass-storage device 2 by a channel control word 6 after the reading operation. When the record 3 is found, the processing part 4 returns the **contents** of the key part K of the record 3 to .beta. and writes the **contents** of the data part D. Then, the record is returned to the external mass-storage device 2.

15/5/20 (Item 20 from file: 347)
DIALOG(R) File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

01241055 **Image available**
EXCLUSIVE CONTROL SYSTEM FOR SHARED FILE

PUB. NO.: 58-178455 [JP 58178455 A]
PUBLISHED: October 19, 1983 (19831019)
INVENTOR(s): NAKADA MASAHIRO
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 57-061057 [JP 8261057]
FILED: April 14, 1982 (19820414)
INTL CLASS: [3] G06F-013/00; G06F-003/00; G06F-013/04
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.1
(INFORMATION PROCESSING -- Arithmetic Sequence Units)
JOURNAL: Section: P, Section No. 251, Vol. 08, No. 23, Pg. 37, January
31, 1984 (19840131)

ABSTRACT

PURPOSE: To prevent the **contradiction** of updated **contents** and to improve the use efficiency of a disk, by providing a memory for file control over a disk storage device in a disk controller and comparing its

stored information with information at the time of the generation of a read request.

CONSTITUTION: Plural central processors 7, 8, 9, and 10 are connected to common-use disk storage devices 61-69 through disk controllers 11 and 12 and file data such as data ABCD are stored in the respective disk storage devices 61- 69. The central processors 7-10 read data out of the disk storage device independently of one another, update the data, and then write the resulting data at the same locations. **Exclusive** control from the reading of data to the writing is performed by the disk controller 11.

Exclusive control memories are provided in the disk controllers 11 and 12, which use tables in those memories to perform the **exclusive** control.

15/5/21 (Item 21 from file: 347)

DIALOG(R) File 347:JAPIO

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01080369 **Image available**

AUXILIARY SCANNING SPEED CONTROLLER OF FACSIMILE

PUB. NO.: 58-017769 [JP 58017769 A]

PUBLISHED: February 02, 1983 (19830202)

INVENTOR(s): TOMITA YASUHARU

APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP.
(Japan)

APPL. NO.: 56-116194 [JP 81116194]

FILED: July 23, 1981 (19810723)

INTL CLASS: [3] H04N-001/17

JAPIO CLASS: 44.7 (COMMUNICATION -- Facsimile)

JOURNAL: Section: E, Section No. 171, Vol. 07, No. 94, Pg. 83, April
20, 1983 (19830420)

ABSTRACT

PURPOSE: To quickly and continuously change the auxiliary scanning speed and to improve the capacity of the titled controller, by constituting an auxiliary scanning speed successively setting circuit with an ROM and switching the reference pulse at every occasion when an original is read and when an original is jumped.

CONSTITUTION: Encoded picture signals are stored in a buffer memory 1 and the contents are read out and sent from a **transmitter**. At the **same time**, the **contents** are sent to an original position deciding circuit 3 after they are converted into a prescribed bit. At the circuit 3 a speed change set signal is set so as to increase or decrease the speed in accordance with the capacity of the memory 1, and the signal is added to a reference pulse switching circuit 4 of an auxiliary scanning speed successively setting circuit. Said setting circuit is composed of the circuit 4, a memory 5 which is **exclusively** used for setting reading and for reading out, and an FF6, and sets speed change by an auxiliary scanning **condition** set signal and a speed change signal from the circuit 3. The auxiliary scanning speed is quickly and continuously changed by switching the reference pulse at every occasion when an original is read and when an original is jumped, and the changed speed is added to a motor driving circuit 9. Thus the capacity of the controller is improved.

15/5/22 (Item 22 from file: 347)

DIALOG(R) File 347:JAPIO

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01068433 **Image available**
CONFIRMATION CIRCUIT FOR CONTENTS OF DATA

PUB. NO.: 58-005833 [JP 58005833 A]
PUBLISHED: January 13, 1983 (19830113)
INVENTOR(s): KAMOSHITA KAZUYUKI
 KATAOKA YU
APPLICANT(s): MEIDENSHA ELECTRIC MFG CO LTD [000610] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 56-104195 [JP 81104195]
FILED: July 02, 1981 (19810702)
INTL CLASS: [3] G06F-003/04; G06F-003/02; H04Q-009/16
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 22.3
 (MACHINERY -- Control & Regulation)
JOURNAL: Section: P, Section No. 187, Vol. 07, No. 75, Pg. 99, March 29, 1983 (19830329)

ABSTRACT

PURPOSE: To confirm the precise update of data by automatically detecting whether data in the input and output sides of a storage circuit coincide each other or not and, in case of **inconsistency**, generating an alarm.

CONSTITUTION: Input and output signals of a memory 2 are inputted to **exclusive** OR circuits 9a-9n respectively and outputs of the **exclusive** OR circuits 9a- 9n are inputted to an AND circuit 10. If an input signal of the memory 2 is different from its output signal at the update of data, an alarm signal is generated from an output of the AND circuit. The alarm signal is inputted to an alarm circuit 11 and an alarm is sent from the circuit 11.

15/5/23 (Item 23 from file: 347)
DIALOG(R) File 347:JAPIO
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00534674 **Image available**
EXCLUSIVE CONTROL SYSTEM

PUB. NO.: 55-022274 [JP 55022274 A]
PUBLISHED: February 16, 1980 (19800216)
INVENTOR(s): HASHIMOTO MICHIO
 FUJIWARA HIDEMI
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 53-095102 [JP 7895102]
FILED: August 04, 1978 (19780804)
INTL CLASS: [3] G11C-007/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.1
 (INFORMATION PROCESSING -- Arithmetic Sequence Units)
JOURNAL: Section: P, Section No. 7, Vol. 04, No. 51, Pg. 116, April 17, 1980 (19800417)

ABSTRACT

PURPOSE: To eliminate the trouble for execution of writing in case the **conflict** exists between the reading and writing to a certain memory device by the **exclusive** control for the reading and writing means, by setting up the read enable time band.

CONSTITUTION: In case the prescribed data is written at a fixed time into major memory device 200 through electronic computer system 100, both the

read start time and the read end time to permit the information reading for electronic computer system 101 are memorized in registers 211a and 211b at data memory region 211. When the reading is permitted by the **exclusive** control means, read request means 3 transmits the signals. At the same time, reading circuit 21 of read/write control means 2 sets the value of memory parts 211a and 211b to registers 21a and 21b each. Then comparison circuit 23 transfers the **contents** of region 211 via circuit 21 if the present time of register 22a is between the value of registers 22a and 22b, while circuit 23 transmits the read unable and read end signals to means 3 and the **exclusive** control means each if the present time is not the intermediate value respectively.

15/5/24 (Item 24 from file: 347)
DIALOG(R) File 347:JAPIO
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00395531
MEMORY CONTROL SYSTEM FOR MULTI-PROCESSOR SYSTEM POSSESSING INTERMEDIATE BUFFER MEMORY

PUB. NO.: 54-047531 [JP 54047531 A]
PUBLISHED: April 14, 1979 (19790414)
INVENTOR(s): HATTORI AKIRA
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 52-114196 [JP 77114196]
FILED: September 22, 1977 (19770922)
INTL CLASS: [2] G06F-013/00; G11C-009/06
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: E, Section No. 117, Vol. 03, No. 70, Pg. 1, June 16, 1979 (19790616)

ABSTRACT

PURPOSE: To secure a system constitution so as to avoid occurrence of **conflict** for the **contents** of the buffer memory, the intermediate buffer memory and the main memory respectively with no deterioration of the efficiency for the system as a whole.

CONSTITUTION: The multi-processor system contains buffer memories 1-0, 1-2-1-n **exclusive** for plural units of CPU, main memory 4 which is shared by plural units of CPU, and intermediate buffer memory 2 which is located between buffer memories 1-0, 1-2-1-n and memory 4 and holds the copy the data of memory 4. Then intermediate buffer memory directory 3, possessing plural numbers of entry 6 corresponding to each block 5 in memory 3, is added, along with flag bits 7-0-7-n to show in much one of buffer memories 1-0-1-n the data within memories 1-0- 1-n is held. With use of bits 7-0-7-n, block 5 of memories 1-0-1-n holding the copy of block 5 is made invalid.

15/5/25 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015178383 **Image available**
WPI Acc No: 2003-238913/200323
XRPX Acc No: N03-190415
Internet-based content distribution management method involves
registering additional content when no conflict occurs between

distribution parameters of additional content and previously registered contents

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: BANERJEE D N; DUTTA R
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
US 20030004880 'A1 20030102 US 2001894109 A 20010628 200323 B

Priority Applications (No Type Date): US 2001894109 A 20010628

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 20030004880 A1 13 G06F-017/60

Abstract (Basic): US 20030004880 A1

NOVELTY - A presence of a **conflict** between the distribution parameters (13,18) of the additional **content** item and previously registered **content** items is determined, when a request to register an additional **content** item with associated parameters is received. The additional **content** item is registered, when there is no **conflict**.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) online **content** distribution control system; and
- (2) computer program product for **content** distribution management.

USE - For managing distribution of **content** about film, theatrical performances, music performances, magazine subscriptions, **newspaper** subscription, newsletter entertainment, video feeds, audio feeds, TV **broadcasts**, radio **broadcasts**, and news reports through Internet.

ADVANTAGE - Allows **content** distributors on Internet to offer **exclusive** distribution of **content** from **content** providers while ensuring that the business plans of the **content** providers are satisfied.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic diagram of the online **content** controller.

parameters (13,18)
pp; 13 DwgNo 1/5

Title Terms: BASED; **CONTENT**; DISTRIBUTE; MANAGEMENT; METHOD; REGISTER; ADD; **CONTENT**; NO; **CONFLICT**; OCCUR; DISTRIBUTE; PARAMETER; ADD; **CONTENT**; REGISTER; **CONTENT**

Derwent Class: T01; W02

International Patent Class (Main): G06F-017/60

File Segment: EPI

15/5/26 (Item 2 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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015149572
WPI Acc No: 2003-210099/200320
XRAM Acc No: C03-053484

Uniformizing DNA fragment contents for use in combination with subtraction hybridization, applicable for isolating variation in gene expression during gene analysis and disease diagnosis

Patent Assignee: EISAI CO LTD (EISA)
Inventor: IMAI T; ONO Y
Number of Countries: 022 Number of Patents: 003
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
WO 2002103007 A1 20021227 WO 2002JP6109 A 20020619 200320 B

EP 1405909	A1	20040407	EP 2002738769	A	20020619	200425
			WO 2002JP6109	A	20020619	
JP 2003505330	X	20040930	WO 2002JP6109	A	20020619	200465
			JP 2003505330	A	20020619	

Priority Applications (No Type Date): JP 2001184757 A 20010619

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 2002103007 A1 J 37 C12N-015/09

Designated States (National): JP US

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

EP 1405909 A1 E C12N-015/09 Based on patent WO 2002103007

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

JP 2003505330 X C12N-015/09 Based on patent WO 2002103007

Abstract (Basic): WO 2002103007 A1

NOVELTY - Uniformizing DNA fragment **contents** among DNA fragments in a sample comprises preparing DNA fragments; denaturing the double-stranded DNA fragments thus produced; hybridizing such denatured DNA fragments; cleaving the hybridized double-stranded DNA; and performing PCR before cleavage.

DETAILED DESCRIPTION - Uniformizing DNA fragment **contents** among DNA fragments in a sample comprises:

(a) preparing DNA fragments wherein adaptors consisting of an oligodeoxyribonucleotide are attached to both ends of DNA fragments in the sample to form restriction enzyme-recognition sites not existing in the DNA fragments in the sample, where at least the part between the restriction enzyme sites inclusive at both ends is made into double-stranded DNA;

(b) denaturing the double-stranded DNA fragments thus produced;

(c) hybridizing such denatured DNA fragments under conditions that a part of the DNA fragments remain single-stranded;

(d) cleaving the hybridized double-stranded DNA fragments with a restriction enzyme having a cleavage site **exclusively** in the adaptors; and

(e) performing PCR using the thus obtained DNA fragments as templates and with use of primers having base sequences complementary to the base sequences of the adaptors before cleavage.

INDEPENDENT CLAIMS are also included for:

(1) A subtraction method involving the uniformization;

(2) Preparing a library of genes with **contradicting** expressions between cells by cloning the genes for detection of variation in expression by the uniformizing method;

(3) Producing probes specifically for the genes with contracting expressions between cells comprising the preparation of gene fragments for detecting variation in expression by the uniformizing method; and

(4) A kit for use in the uniformizing method containing the adaptors, restriction enzymes and primers for PCR.

USE - The method is applicable for isolating variations in gene expression during gene analysis, disease diagnosis and studying therapeutic efficacy.

ADVANTAGE - The method can enable the detection of difference in expression doses between isolated genes or DNA fragments when even little amounts expressed.

pp; 37 DwgNo 0/5

Title Terms: DNA; FRAGMENT; **CONTENT**; COMBINATION; SUBTRACT; HYBRID; APPLY; ISOLATE; VARIATION; GENE; EXPRESS; GENE; ANALYSE; DISEASE; DIAGNOSE

Derwent Class: B04; D16

International Patent Class (Main): C12N-015/09

International Patent Class (Additional): C12Q-001/68
File Segment: CPI

15/5/27 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX
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014357939 **Image available**

WPI Acc No: 2002-178640/200223

XRPX Acc No: N02-135813

Two-dimensional framing code encoding method, involves determining self-clocking glyph codes using matrix of XOR logic values

Patent Assignee: XEROX CORP (XERO)

Inventor: HECHT D L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6340118	B1	20020122	US 99464934	A	19991216	200223 B

Priority Applications (No Type Date): US 99464934 A 19991216

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6340118	B1	8	G06K-019/06	

Abstract (Basic): US 6340118 B1

NOVELTY - Two code line bit sequences are established, and the **exclusive OR (XOR)** logic values of the code lines are determined to obtain a two-dimensional matrix of the XOR logic values.

Two-dimensional frame codes such as self-clocking glyph codes, are determined using the matrix of XOR values.

USE - For encoding two-dimensional framing codes used for embedding machine-readable data in images of various descriptions.

ADVANTAGE - Since the framing code sequences to be XOR'd need not have a predefined length, the intrinsic **conflicts** in the resultant framing code is avoided.

DESCRIPTION OF DRAWING(S) - The figure shows the **content** of matrix of XOR logic values.

pp; 8 DwgNo 2/5

Title Terms: TWO; DIMENSION; FRAME; CODE; ENCODE; METHOD; DETERMINE; SELF; CLOCK; CODE; MATRIX; **EXCLUSIVE -OR;** LOGIC; VALUE

Derwent Class: T01; T04

International Patent Class (Main): G06K-019/06

File Segment: EPI

15/5/28 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013011527 **Image available**

WPI Acc No: 2000-183379/200016

XRPX Acc No: N00-135227

Local area network for data communication, sensing, and control has serial intelligent cells interconnected exclusively by twisted conducting wire pairs

Patent Assignee: SERCONET LTD (SERC-N); FRIEDMAN M M (FRIE-I); BINDER Y (BIND-I)

Inventor: BINDER Y

Number of Countries: 087 Number of Patents: 018

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200007322	A2	20000210	WO 99US15644	A	19990712	200016	B
AU 9949836	A	20000221	AU 9949836	A	19990712	200029	
NO 200100457	A	20010327	WO 99US15644	A	19990712	200131	
			NO 2001457	A	20010126		
BR 9912695	A	20010807	BR 9912695	A	19990712	200152	
			WO 99US15644	A	19990712		
KR 2001074776	A	20010809	KR 2001701138	A	20010127	200211	
EP 1221228	A2	20020710	EP 99933876	A	19990712	200253	
			WO 99US15644	A	19990712		
US 20020159402	A1	20021031	US 98123486	A	19980728	200274	
			US 2002178223	A	20020625		
US 6480510	B1	20021112	US 98123486	A	19980728	200278	
JP 2002543631	W	20021217	WO 99US15644	A	19990712	200312	
			JP 2000563027	A	19990712		
CN 1391747	A	20030115	CN 99810085	A	19990712	200330	
US 20040170189	A1	20040902	US 98123486	A	19980728	200458	
			US 2002178223	A	20020625		
			US 2004795986	A	20040310		
US 20040174897	A1	20040909	US 98123486	A	19980728	200459	
			US 2002178223	A	20020625		
			US 2004793769	A	20040308		
US 20050013320	A1	20050120	US 98123486	A	19980728	200507	
			US 2002178223	A	20020625		
			US 2004917494	A	20040813		
EP 1221228	B1	20050209	EP 99933876	A	19990712	200512	
			WO 99US15644	A	19990712		
			EP 200428861	A	19990712		
CA 2490630	A1	20000210	CA 2338663	A	19990712	200519	
			CA 2490630	A	19990712		
DE 69923721	E	20050317	DE 99623721	A	19990712	200522	
			EP 99933876	A	19990712		
			WO 99US15644	A	19990712		
EP 1519517	A2	20050330	EP 99933876	A	19990712	200522	
			EP 200428861	A	19990712		
CA 2338663	C	20050405	CA 2338663	A	19990712	200524	
			WO 99US15644	A	19990712		

Priority Applications (No Type Date): US 98123486 A 19980728; US 2002178223 A 20020625; US 2004795986 A 20040310; US 2004793769 A 20040308; US 2004917494 A 20040813

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200007322	A2	E	33	H04L-000/00	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9949836 A H04L-000/00 Based on patent WO 200007322

NO 200100457 A H04L-000/00

BR 9912695 A H04L-012/28 Based on patent WO 200007322

KR 2001074776 A H04L-012/42

EP 1221228 A2 E H04L-012/28 Based on patent WO 200007322

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

US 20020159402 A1 H04L-005/16 Cont of application US 98123486

US 6480510 B1 H04J-003/08

JP 2002543631 W 51 H04L-012/28 Based on patent WO 200007322

CN 1391747 A		H04L-012/28	
US 20040170189 A1		H04L-012/66	Cont of application US 98123486 Div ex application US 2002178223
US 20040174897 A1		H04L-012/66	Cont of patent US 6480510 Cont of application US 98123486 Div ex application US 2002178223
US 20050013320 A1		H04L-012/66	Cont of patent US 6480510 Cont of application US 98123486 Cont of application US 2002178223 Cont of patent US 6480510
EP 1221228 B1 E		H04L-012/28	Related to application EP 200428861 Based on patent WO 200007322
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE			
CA 2490630 A1 E		H04L-012/28	Div ex application CA 2338663
DE 69923721 E		H04L-012/28	Based on patent EP 1221228 Based on patent WO 200007322
EP 1519517 A2 E		H04L-012/28	Div ex application EP 99933876 Div ex patent EP 1221228
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU LV MC MK NL PT SE			
CA 2338663 C E		H04L-012/28	Based on patent WO 200007322

Abstract (Basic): WO 200007322 A2

NOVELTY - The local area network includes serial intelligent cells (SIC) (700,702,704,706,708) interconnected **exclusively** by twisted conducting wire pairs (710). Each wire pair interconnects only two SIC's. A communication pair includes one wire pair and two SIC's. The communication pair communicates **exclusively** over the wire pair, and bidirectionally and independently with any other communication pair.

USE - For data communication, sensing, and control. Used for e.g. intercom, PABX/PBX, security systems, video surveillance, entertainment **broadcasting** services, time **distribution**, and audio and video signal distribution. Used in buildings and neighborhoods.

ADVANTAGE - Eliminates physical limit to the number of data terminal equipment in the network since there is no physical limit to the number of SIC's which may be installed in the network. Allows higher data rates over greater distances. **Requires** less complex circuitry. Enables SIC's to perform **simultaneous** transmission and reception. Enables efficient utilization of the network. Enables assigning addresses by the network. Enables sensing a fault immediately and easily obtaining the **specific** location of the fault.

DESCRIPTION OF DRAWING(S) - The figure shows the local area network topology.

SIC (700,702,704,706,708)

Twisted conducting wire pairs (710)

pp; 33 DwgNo 7/10

Title Terms: LOCAL; AREA; NETWORK; DATA; COMMUNICATE; SENSE; CONTROL; SERIAL; INTELLIGENCE; CELL; INTERCONNECT; EXCLUDE; TWIST; CONDUCTING; WIRE; PAIR

Derwent Class: T01; W01; W05

International Patent Class (Main): H04J-003/08; H04L-000/00; H04L-005/16; H04L-012/28; H04L-012/42; H04L-012/66

International Patent Class (Additional): G08C-019/00; H04B-003/54; H04L-005/14; H04L-012/46; H04M-011/00; H04M-011/04; H04M-011/06; H04Q-009/00

File Segment: EPI

15/5/29 (Item 5 from file: 350)
DIALOG(R) File 350:Derwent WPIX

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012126440 **Image available**

WPI Acc No: 1998-543352/199847

XRPX Acc No: N98-422951

Repeater node network system for radio communication system - has central office in direct contact with one base station; other base stations then receive and transmit broadcast signals between each other on alternating frequencies

Patent Assignee: BOSCH CORP ROBERT (BOSC); BOSCH TELECOM GMBH (BOSC); CISCO TECHNOLOGY INC (CISC-N)

Inventor: LANGSTON J L; MARIN J S; MYERS W K; WEINER D B; LANGSTON J

Number of Countries: 004 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2224035	A	19980619	CA 2224035	A	19971208	199847 B
MX 9710296	A1	19981001	MX 9710296	A	19971217	200019
BR 9706384	A	20000606	BR 976384	A	19971217	200036
US 6272351	B1	20010807	US 9633503	A	19961219	200147
			US 97993182	A	19971218	

Priority Applications (No Type Date): US 9633503 P 19961219; US 97993182 A 19971218

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CA 2224035	A	34	H04B-007/155	
MX 9710296	A1		H01Q-021/00	
BR 9706384	A		H04B-007/24	
US 6272351	B1		H04B-007/14	Provisional application US 9633503

Abstract (Basic): CA 2224035 A

The system includes a number of bases stations (BS); one (64) of these is in direct communication with a central office (CO) (62) and receives signals from the CO. It generates a first **broadcast** signal (68) and **transmits** in one frequency band (A).

A second BS (74) receives the signal from the first BS and generates a further **broadcast** signal, which it then **transmits** in a second frequency band (B). A third BS (82) receives the second frequency band signal and then generates another broadcast signal back in the original first frequency band (A). The first and second frequency ranges are mutually **exclusive**.

USE - Point to multi-point communication system e.g. delivering video signals to subscribers.

ADVANTAGE - Obviates need for direct fibre optic link between CO and each BS. Requires only one base station to be in direct contact so hence reduces cost in cabling up the entire system. Allows simultaneous **transmit** and **broadcast** of signals with minimal feedback between receiver and **broadcast transmitter**.

Dwg.3/5

Title Terms: REPEATER; NODE; NETWORK; SYSTEM; RADIO; COMMUNICATE; SYSTEM; CENTRAL; OFFICE; DIRECT; CONTACT; ONE; BASE; STATION; BASE; STATION; RECEIVE; TRANSMIT; BROADCAST; SIGNAL; ALTERNATE; FREQUENCY

Derwent Class: W01; W02

International Patent Class (Main): H01Q-021/00; H04B-007/14; H04B-007/155; H04B-007/24

International Patent Class (Additional): H04B-007/00; H04H-001/00; H04Q-007/22

File Segment: EPI

15/5/30 (Item 6 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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011864959 **Image available**
WPI Acc No: 1998-281869/199825
XRPX Acc No: N98-222404

Process succession method for parallel processing system - involves using alternative processing apparatus to perform subsequent process when parallel processing apparatus fails to operate
Patent Assignee: FUJITSU LTD (FUIT)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10097508	A	19980414	JP 96251215	A	19960924	199825 B

Priority Applications (No Type Date): JP 96251215 A 19960924

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10097508	A	8	G06F-015/16	

Abstract (Basic): JP 10097508 A

The method involves utilising a parallel processing apparatus (1) that performs several processes in parallel. An alternative processing apparatus (2) performs the subsequent process when the parallel processing apparatus fails to operate. Both of these processing apparatuses have an access to a file apparatus (3) that serves as a data storage unit. After altering the first data, the parallel processing apparatus allows temporarily the **contents** of the first and second data in **contradictory** condition.

The parallel processing apparatus has an **exclusive** control over the first and third data with the same **contents** after altering the second and third data. When the parallel processing apparatus releases its **exclusive** control over the second and third data, the third data are forwarded to the processing apparatus. The alternative processing apparatus performs the subsequent process by using the forwarded data and making an initial value as the forwarded data when the parallel processing apparatus fails.

ADVANTAGE - Offers failure-resistant function to parallel processing system.

Dwg.1/9

Title Terms: PROCESS; SUCCESSION; METHOD; PARALLEL; PROCESS; SYSTEM; ALTERNATIVE; PROCESS; APPARATUS; PERFORMANCE; SUBSEQUENT; PROCESS; PARALLEL; PROCESS; APPARATUS; FAIL; OPERATE

Derwent Class: T01; U21

International Patent Class (Main): G06F-015/16

International Patent Class (Additional): G06F-011/20; G06F-019/00

File Segment: EPI

15/5/31 (Item 7 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

010705271 **Image available**
WPI Acc No: 1996-202226/199621
XRPX Acc No: N96-169675

Interleaved data cache with multiple content addressable fields - has cache divided into number of blocks each having data section, effective address and real address content addressable memories

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)

Inventor: LIU P P

Number of Countries: 005 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 708404	A2	19960424	EP 95202678	A	19951005	199621 B
EP 708404	A3	19960522	EP 95202678	A	19951005	199632
JP 8227380	A	19960903	JP 95282636	A	19951004	199645
US 5805855	A	19980908	US 94319329	A	19941005	199843

Priority Applications (No Type Date): US 94319329 A 19941005

Cited Patents: 1.Jnl.Ref; EP 180369; EP 560598

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 708404	A2	E 19	G06F-012/08	
			Designated States (Regional): DE FR GB	
JP 8227380	A	76	G06F-012/08	
EP 708404	A3		G06F-012/08	
US 5805855	A		G06F-012/08	

Abstract (Basic): EP 708404 A

The data cache (600) is divided into a number of subarrays (610, 612). Each subarray has a data field subdivided into two sections (619, 628) and a modify, **exclusive**, shared and invalid (MESI) section (624). Two **content** addressable memories (CAM) are available in each sub array. One section (620) provides effective address CAM access while the other (626) provides real address CAM addressing.

The cache is arranged as an eight way set-associative cache of eight entries of the same low order address bits. Parallel access from effective and real addressing in separate subarrays is permitted with **conflict** resolution on the same subarray.

ADVANTAGE - Multiple **content** addressable memories ease offset and alias problems while providing efficient data access.

Dwg.6/10

Title Terms: INTERLEAVED; DATA; CACHE; MULTIPLE; **CONTENT** ; ADDRESS; FIELD; CACHE; DIVIDE; NUMBER; BLOCK; DATA; SECTION; EFFECT; ADDRESS; REAL; ADDRESS; **CONTENT** ; ADDRESS; MEMORY

Derwent Class: T01

International Patent Class (Main): G06F-012/08

International Patent Class (Additional): G11C-015/00

File Segment: EPI

15/5/32 (Item 8 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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009366856 **Image available**

WPI Acc No: 1993-060335/199308

XRPX Acc No: N93-046074

Inconsistency -protected multiprocessor system with error protection - broadcasts symbol-error protected code words according to dispersed joined communication method for protection against multiple faulty modules

Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG); PHILIPS GLOEILAMPENFAB NV (PHIG); US PHILIPS CORP (PHIG)

Inventor: KROL T

Number of Countries: 004 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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EP 528471	A2	19930224	EP 92202340	A	19920729	199308	B
US 5367666	A	19941122	US 92918985	A	19920723	199501	
EP 528471	A3	19960828	EP 92202340	A	19920729	199643	
EP 528471	B1	20000524	EP 92202340	A	19920729	200030	
DE 69231079	E	20000629	DE 631079	A	19920729	200038	
			EP 92202340	A	19920729		

Priority Applications (No Type Date): EP 91202040 A 19910808

Cited Patents: No-SR.Pub; 2.Jnl.Ref; US 4884194

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 528471	A2	E	23 G06F-011/00	
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Designated States (Regional): DE FR GB

US 5367666	A	14	G06F-011/00	
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EP 528471	A3		G06F-011/00	
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EP 528471	B1	E	G06F-011/00	
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Designated States (Regional): DE FR GB

DE 69231079	E		G06F-011/00	Based on patent EP 528471
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Abstract (Basic): EP 528471 A

In the multiprocessor system, messages are **broadcast** among the N processors, and a particular processor takes an error-protective decision based on several messages that have been routed from the source processor to that particular processor along several intermediate processors. The number of multiprocessors is at least five. The processors are generally independent. The connections may be a set of dedicated connections between pairs, a network or other organisation.

The system executes a Dispersed Joined Communication method according to a K-level nested and level-wise compartmentalised encoding, **broadcasting** and decoding operation, to ensure that the system should remain operational with no more than T processors out of operation. The values of N, T and K may be set at 7, 2 and 3 respectively.

USE - Error tolerance in multiprocessor systems. Consistent behaviour still exists in defiance of limited number of at most T processors malfunctioning.

Dwg.1/6

Title Terms: PROTECT; MULTIPROCESSOR; SYSTEM; ERROR; PROTECT; **BROADCAST** ; SYMBOL; ERROR; PROTECT; CODE; WORD; ACCORD; DISPERSE; JOIN; COMMUNICATE; METHOD; PROTECT; MULTIPLE; FAULT; MODULE

Derwent Class: T01; W01

International Patent Class (Main): G06F-011/00

File Segment: EPI

15/5/33 (Item 9 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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008771742 **Image available**

WPI Acc No: 1991-275757/199138

XRPX Acc No: N91-210649

Cache storage system for computer - maintains consistency between pages of data common to local caches while processing operating system initiated read and write operations

Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)

Inventor: BAIRD R; BOZMAN G P; LETT A S; MYERS J J; TETZLAFF W H

Number of Countries: 004 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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EP 447160	A	19910918	EP 91302024	A	19910311	199138	B
US 5226143	A	19930706	US 90493581	A	19900314	199328	
EP 447160	A3	19920819	EP 91302024	A	19910311	199337	

Priority Applications (No Type Date): US 90493581 A 19900314

Cited Patents: NoSR.Pub; 1.Jnl.Ref; US 4716528; US 4843542

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 447160	A			
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Designated States (Regional): DE FR GB				
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US 5226143	A	11 G06F-015/16		
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Abstract (Basic): EP 447160 A

The method of operating a computer system involves defining a lock manager over all resources in the system. The lock manager conditionally grants shared and **exclusive** locks, atomically changes its lock state, ensues requests for locks, notifies requesters of lock grant and all holders of a lock in **conflict**. In response to a read operation, a share lock on a designated page is obtained from the lock manager by the requesting processor (cache manager), and either the designated page is accessed in local cache, or, the designated page is copied into local cache from an external store.

In response to a write operation, all processor (cache manager) holders of share locks on the designated page are notified by the lock manager, copies of the page are removed from local caches (cache invalidated). Any share locks, granting an **exclusive** lock to the requesting processor (cache manager) are relinquished. The changed page through the local cache is written to external store. The lock state of the requesting processor is demoted from **exclusive** to shared.

ADVANTAGE - Reduces overwriting and maintains consistency of data.

Dwg.1/11

Title Terms: CACHE; STORAGE; SYSTEM; COMPUTER; MAINTAIN; CONSISTENCY; PAGE; DATA; COMMON; LOCAL; PROCESS; OPERATE; SYSTEM; INITIATE; READ; WRITING; OPERATE

Derwent Class: T01

International Patent Class (Main): G06F-015/16

International Patent Class (Additional): G06F-012/08

File Segment: EPI

15/5/34 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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008607136 **Image available**

WPI Acc No: 1991-111166/199116

XRPX Acc No: N91-085756

Cooperation scheme for work stations - provides stations with equal plan making function taking for partial change of plan making

Patent Assignee: HITACHI INFORMATION & CONTROL SYSTEMS (HITA-N); HITACHI LTD (HITA); HITACHI INFORM CONTROL (HITA-N)

Inventor: KISHI K; MATSUMOTO K; TSURUTA S; MASUMOTO K

Number of Countries: 004 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 422619	A	19910417	EP 90119427	A	19901010	199116	B
EP 422619	B1	19970115	EP 90119427	A	19901010	199708	
DE 69029699	E	19970227	DE 629699	A	19901010	199714	
			EP 90119427	A	19901010		
US 5659734	A	19970819	US 90594946	A	19901010	199739	

Priority Applications (No Type Date): JP 89264942 A 19891013
Cited Patents: 2.Jnl.Ref; A3...9146; DE 2925169; NoSR.Pub

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 422619 A B

Designated States (Regional): DE FR GB

EP 422619 B1 E 20 B

Designated States (Regional): DE FR GB

DE 69029699 E B Based on patent EP 422619

US 5659734 A 18 B

Abstract (Basic): EP 422619 A

The information processing apparatus has operation sections (10,20) each including a keyboard section (3,13) and a display section (2,12) and each taking partial charge of the plan. A storage device (5,15) is respectively connected to the operation sections to store information (21,22,23,24,31,32,33,34) for making the plan. A transmission area (25a) is disposed in the storage device to temporarily hold transmission information (25) to be transmitted to another operation section.

The operation sections comprise work stations (10,20), each including a keyboard section, a display section, a storage device, and a central processing unit.

USE/ADVANTAGE - Personnel or train schedule planner. Reduced overhead and competition management is facilitated. (18pp Dwg.No.1/15)

Title Terms: COOPERATE; SCHEME; WORK; STATION; STATION; EQUAL; PLAN; FUNCTION; CHANGE; PLAN

Derwent Class: Q21; T01; X23

International Patent Class (Main): B61L-027/00; G06F-007/00

International Patent Class (Additional): B61L-025/08; G06F-017/30

File Segment: EPI; EngPI

15/5/35 (Item 11 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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008497158 **Image available**

WPI Acc No: 1991-001242/199101

XRPX Acc No: N91-001002

Multiple access satellite system for mini-earth station networks - uses combination of fixed assignment, demand assignment and random access

Patent Assignee: NEC CORP (NIDE)

Inventor: KOU Y

Number of Countries: 007 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 404173	A	19901227	EP 90111871	A	19900622	199101 B
AU 9057806	A	19910103				199108
CA 2019600	A	19901222				199111
JP 3088434	A	19910412				199121
US 5172375	A	19921215	US 90542205	A	19900622	199301
			US 90543677	A	19900625	
AU 637615	B	19930603	AU 9057806	A	19900622	199329
CA 2019600	C	19940621	CA 2019600	A	19900622	199430
EP 404173	B1	19941012	EP 90111871	A	19900622	199439
DE 69013238	E	19941117	DE 613238	A	19900622	199445
			EP 90111871	A	19900622	

Priority Applications (No Type Date): JP 89158186 A 19890622; JP 90164416 A 19900622

Cited Patents: 2.Jnl.Ref; A3...9127; NoSR.Pub

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 404173	A			
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Designated States (Regional): DE FR GB

US 5172375	A	30 H04J-003/16	CIP of application US 90542205
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AU 637615	B	H04B-007/212	patent AU 9057806
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EP 404173	B1	E	39 H04B-007/212
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Designated States (Regional): DE FR GB

DE 69013238	E	H04B-007/212	Based on patent EP 404173
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CA 2019600	C	H04J-003/02	
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Abstract (Basic): EP 404173 A

The satellite system includes a hub station and a number of mini stations. The mini stations communicate with the hub station by an inward channel and the hub with them by an outward channel. Each mini station has a terminal which generates data to be transmitted to the hub through a slot in the inward channel by a fixed assignment method, demand assignment or random access methods.

The hub station transmits **broadcast** to the mini stations. It demodulates the signal received from the mini stations, operates error detection and produces error-free data. It also asks for repeated transmissions when there is an error.

ADVANTAGE - Accommodates terminals different in the frequency of data operation and in the amount of data. (37pp Dwg.No.6/18

Title Terms: MULTIPLE; ACCESS; SATELLITE; SYSTEM; MINI; EARTH; STATION; NETWORK; COMBINATION; FIX; ASSIGN; DEMAND; ASSIGN; RANDOM; ACCESS

Derwent Class: W01; W02

International Patent Class (Main): H04B-007/212; H04J-003/02; H04J-003/16

International Patent Class (Additional): H04B-007/155; H04B-007/204; H04B-007/21; H04L-001/16

File Segment: EPI

15/5/36 (Item 12 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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007175263

WPI Acc No: 1987-172272/198725

XRPX Acc No: N87-129315

External memory controller for electronic computer - controls external memory which is simultaneously accessible from several processor sub-systems maintaining contents of buffer areas

Patent Assignee: MITSUBISHI DENKI KK (MITQ)

Inventor: KANDA A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2184580	A	19870624	GB 8630540	A	19861222	198725 B

Priority Applications (No Type Date): JP 85287965 A 19851223

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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GB 2184580	A	6		
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Abstract (Basic): GB 2184580 A

The memory controller 13 controls an external memory 4 constructed so as to be simultaneously accessible from several processor subsystems 1,2 and can maintain the integrity of the **contents** of the input/output buffer areas 1c,2c of the processor systems. The

controller has a table 13a for managing existence states of all data blocks 4a of the external memory, a function of instructing each processor subsystem to invalidate a specified data block within the input/output buffer area 1c,2c thereof, and a function of instructing each processor subsystem to send the specified data block within the input/output buffer area back to the external memory controller.

The input/output buffer areas can be set in the respective processor subsystems 1,2 without causing **contradictions** in their update, so that independent **exclusive** control mechanisms between electronic computers are not required.

ADVANTAGE - No independent **exclusive** control mechanism required.
/2

Title Terms: EXTERNAL; MEMORY; CONTROL; ELECTRONIC; COMPUTER; CONTROL; EXTERNAL; MEMORY; SIMULTANEOUS; ACCESS; PROCESSOR; SUB; SYSTEM; MAINTAIN; CONTENT ; BUFFER; AREA

Derwent Class: T01

International Patent Class (Additional): G06F-012/12; G06F-013/14

File Segment: EPI

15/5/37 (Item 13 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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004457590
WPI Acc No: 1985-284468/198546
XRPX Acc No: N85-212044

Code error blending system for digital transmission signals - converted before transmission into redundant alphabetic code with several modes

Patent Assignee: SIEMENS AG (SIEI)

Inventor: BURGMEIER J; DOMER J

Number of Countries: 012 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 160748	A	19851113	EP 84115563	A	19841217	198546 B
JP 60254858	A	19851216	JP 8596154	A	19850508	198605
US 4688226	A	19870818	US 85730449	A	19850506	198735
EP 160748	B	19880713				198828
DE 3472743	G	19880818				198834

Priority Applications (No Type Date): DE 3416953 A 19840508

Cited Patents: EP 45680

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 160748 A G 21

Designated States (Regional): AT BE CH DE FR GB IT LI NL SE

EP 160748 B G

Designated States (Regional): AT BE CH DE FR GB IT LI NL SE

Abstract (Basic): EP 160748 A

The system uses a mode state modified w.r.t. the provided mode state to change the code of at least one word in the transmission signal. The mode state is set by a value differing from the code table. The occurring mode state is stored for the time provided and beyond. The mode state is changed after every two code words.

Extra information can be sent by blending in at the transmitter and code error recognition at the receiver. The extra information may be telemetry signals describing the state of the transmission link or they may be voice signals.

ADVANTAGE - Even at high code error rates the transmitted information is not falsified.

Title Terms: CODE; ERROR; BLEND; SYSTEM; DIGITAL; TRANSMISSION; SIGNAL; CONVERT; TRANSMISSION; REDUNDANT; ALPHABET; CODE; MODE
Derwent Class: W01; W02
International Patent Class (Additional): G06F-011/00; H04B-017/02;
H04L-001/24; H04L-025/49
File Segment: EPI

15/5/38 (Item 14 from file: 350)

DIALOG(R) File 350:Derwent WPIX
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003989559

WPI Acc No: 1984-135103/198422

XRPX Acc No: N84-100117

Integrated dynamic read-write memory - has address clock signal facility to control read period for nibble or byte mode of operation

Patent Assignee: SIEMENS AG (SIEI)

Inventor: KANTZ D; WAWERSIG J

Number of Countries: 006 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 3243496	A	19840524	DE 3243496	A	19821124	198422	B
EP 111741	A	19840627	EP 83111294	A	19831111	198426	
US 4602353	A	19860722	US 83554432	A	19831121	198632	
EP 111741	B	19880629				198826	
DE 3377244	G	19880804				198832	

Priority Applications (No Type Date): DE 3243496 A 19821124

Cited Patents: 2.Jnl.Ref; A3...8521; EP 17228; EP 23847; EP 33861; JP 54032236; No-SR.Pub; US 3969706

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3243496	A		39		

EP 111741 A G

Designated States (Regional): AT DE FR GB IT

EP 111741 B G

Designated States (Regional): AT DE FR GB IT

Abstract (Basic): EP 111741 A

An integrated semiconductor circuit with a dynamic write-read store, wherein the storage matrix (SP), which is constructed from identical storage cells, in particular one-transistor storage cells, can be addressed via row and column decoders in respect of the individual storage cells, and where the addressing in respect of the individual matrix rows is initiated by a row address strobe and the addressing in respect of the individual matrix columns is initiated by a column address strobe where the addressing is contrived to be such that in the read process, the information of at least two of the storage cells provided for the data storage is **simultaneously** processed and intermediately stored in an intermediate register (Rg), and moreover, shift register (RS), operated **exclusively** by the column address strobe is proved for the series transmission of the information items, obtained **simultaneously** from the storage matrix, to the data output (DA) of the store, and where, in a first operating mode, referred to as normal operation, in which a HIGH operating level of the row address strobe is associated with the disconnection of the data output (DA) by the column address strobe this disconnection of the data output (DA) takes place without delay when the column address strobe assumes the HIGH level, characterised in that the control of the data

output (DA) via the column address strobe is contrived to be such that the respective data information which occurs at the data output (DA) and which is made available by the shift register (RS), following the decay of the column address strobe signal which initiates its read-out, remains at the data output (DA) of the store for a further determinate time interval - which possibly continues until the start of the next column address strobe signal, and that the extension of the availability of the data information at the data output (DA) obtainable in this way controlled via the row address strobe is effective in a second operating mode

DE 3243496 A

The dynamic random access memory, DRAM, (SN) that may be used in either a nibble or byte mode of operation has four pairs of data lines (00,0'0,01,0'1, etc.) that are coupled to four identical switching stages (I,II, III, IV). Each stage has a buffer register (Rg) with two inputs for the data. Outputs are fed to 'n' channel MOSFET transistors that are commoned onto lines connected with an output drive stage (OLB).

A four bit ring counter (S1-S4) is clocked (CAS') to cycle an address (ZA) that is decoded to control access of the transistor stages. The clock rate (CAS) controls the addressing to provide read out within a **specific** period.

2/5

Title Terms: INTEGRATE; DYNAMIC; READ; WRITING; MEMORY; ADDRESS; CLOCK; SIGNAL; FACILITY; CONTROL; READ; PERIOD; NIBBLER; BYTE; MODE; OPERATE

Derwent Class: U14

International Patent Class (Additional): G11C-007/00; G11C-008/00;
G11C-011/24

File Segment: EPI

Set Items Description
S1 38 AU=(DUTTA R? OR DUTTA, R?)
S2 1295023 CONTENT? ? OR PUBLICATION? ? OR NEWSPAPER? ? OR PERIODICAL?
? OR BROADCAST? OR BROAD()CAST???
S3 144339 SYNDICAT? OR EXCLUSIV?
S4 95927 CONFLICT? OR CLASH? OR INCONSISTEN? OR CONTRADICT?
S5 624480 SAME () TIME? OR SIMULTANEOUS? OR CONCURRENT?
S6 1264027 DOWNLOAD? OR TRANSMIT? OR TRANSMIS? OR TRANSFER? OR DISTRI-
BUT? OR DOWN()LOAD?
S7 606450 CONSUMER? OR CUSTOMER? OR CLIENT? OR BUYER? OR PURCHASER? -
OR USER? OR PEOPLE OR PERSON? ? OR SUBSCRIBER? OR PARTICIPANT?
S8 1437013 CONDITION? OR CRITERIA OR REQUIRE? OR SPECIFI? OR CONSTRAI-
N?
S9 43911 S2(5N)S6
S10 59 S9(S)SYNDICAT?
S11 0 S10(30N)S4
S12 28 S10(30N)S7
S13 19 S12 AND IC=G06F?
S14 11 S4(S)SYNDICAT?
S15 3 S14 AND IC=G06F?

? show file

File 348:EUROPEAN PATENTS 1978-2005/May W02

(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=20050512,UT=20050505

(c) 2005 WIPO/Univentio

read

13/3,K/1 (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

01144802 **Image available**

CONTENT DISTRIBUTION SYSTEM

SYSTEME DE DISTRIBUTION DE CONTENU

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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Legal Representative:

OWEN David P (agent), Howrey Simon Arnold & White, City Point, One Ropemaker Street, London EC2Y 9HS, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200466076 A2-A3 20040805 (WO 0466076)

Application: WO 2004US1363 20040120 (PCT/WO US04001363)

Priority Application: US 2003346361 20030117

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG (AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW (EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 15558

Main International Patent Class: G06F-017/60

International Patent Class: G06F-015/173

English Abstract

...When a user activates the link the selected content provider packet is displayed and the **user** may store the content provider packet in a personal showcase display for future access by the **user**. Showcase access is **syndicated** across web enabled devices through revenue sharing agreements.

13/3,K/2 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

01119804 **Image available**

MULTIMEDIA MANAGEMENT

GESTION MULTIMEDIA

Patent Applicant/Assignee:

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MURPHY Noel, Ballinakill, Enfield, County Meath, IE, IE (Residence), IE
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, IE (Nationality), (Designated only for: US)
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LEE Hyowon, Room VA303 B, Campus Residences, Dublin City University,
Glasnevin, Dublin 9, IE, IE (Residence), KR (Nationality), (Designated
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HERRERA Frederic, 21 Delhurst Avenue, Ongar Park, Ongar, Dublin 15, IE,
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BROWNE Paul, 14 Walnut Lawn, Courtlands Estate, Dublin 9, IE, IE
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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200443029 A2-A3 20040521 (WO 0443029)

Application: WO 2003IE152 20031110 (PCT/WO IE03000152)

Priority Application: IE 2002870 20021108

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU
SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5245

International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... monitor certain content channels and access audio-visual segments in non-linear fashion to achieve **content** -based operations for seamless **syndication** , **transmission** and retrieval over fixed and mobile networks. The content is cropped and rendered to be suitable for transmission to the **subscriber** 's mobile station MS. Such operations can typically be carried out in a few seconds...

13/3,K/3 (Item 3 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

01083961 **Image available**

METHODS AND APPARATUSES FOR FINANCING AND MARKETING A CREATIVE WORK

PROCEDES ET DISPOSITIFS POUR LE FINANCEMENT ET LE MARKETING LIES A UN TRAVAIL DE CREATION ARTISTIQUE

Patent Applicant/Inventor:

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Legal Representative:

HOPKINS Brian P (agent), Mintz, Levin, Cohn, Ferris, Glovsky and Popeo,
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200406054 A2 20040115 (WO 0406054)

Application: WO 2003US20774 20030630 (PCT/WO US2003020774)

Priority Application: US 2002394974 20020709; US 2003403398 20030331

Parent Application/Grant:

Related by Continuation to: US 2003403398 20030331 (CON); US 2002394974
20020709 (CON)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14276

Main International Patent Class: G06F

Fulltext Availability:

Detailed Description

Detailed Description

... partnering with ArtistShare or an artist to offer unique proprietary
or exclusive merchandise to their **customers**.

Access to a large and convenient searchable pool of licensable **content**
for resale, **distribution**, **syndication** etc...

Opportunities to purchase or bid on an artist's work for commercial re
sale...

13/3,K/4 (Item 4 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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01066531 **Image available**

**SYSTEMS AND METHODS FOR THE PRODUCTION, MANAGEMENT AND SYNDICATION OF THE
DISTRIBUTION OF DIGITAL ASSETS THROUGH A NETWORK**
**SYSTEMES ET PROCEDES POUR LA PRODUCTION, LA GESTION, LA SOUSCRIPTION ET LA
DISTRIBUTION DE BIENS NUMERIQUES PAR LE BIAIS D'UN RESEAU**

Inventor(s):

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Patent Applicant/Inventor:

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Legal Representative:

GOLDMAN Joel S (agent), Goldman IP Law, One Lakeside Commons, Suite 990,
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200396179 A1 20031120 (WO 0396179)

Application: WO 2003US14588 20030509 (PCT/WO US0314588)

Priority Application: US 2002379661 20020509

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8241

Main International Patent Class: G06F-007/00

Fulltext Availability:

Detailed Description

Detailed Description

... amount of processing and/or storage capacity needed for handling and distributing digital assets to **consumers** through the Internet or a wireless network. Furthermore, there exists a need for systems and methods for improving the operational efficiencies involved in the process of **syndicating** digital media assets to a distribution network and to end-users or **consumers**.

(005) At least one system and method has been designed for controlling the use and...

...owner(s) and/or licensor(s) of the digital asset(s) 201, and/or the content host(s) 202, may be **distributed** to **consumer** (s) or end- **user** (s) 204 via a **syndication** network 205 of outlet(s) 203.

(052) The process for downloading digital media to **consumer** (s) will now be further explained with reference to Fig. 3A, Fig. 3B, and Fig...

13/3,K/5 (Item 5 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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01035175 **Image available**

ELECTRONIC INFORMATION CONTENT CONTROL

CONTROLE DU CONTENU D'INFORMATIONS ELECTRONIQUES

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200365216 A1 20030807 (WO 0365216)

Application: WO 2003US3080 20030131 (PCT/WO US0303080)

Priority Application: US 200262277 20020201

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI
SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 11507

Main International Patent Class: G06F-001/24

Fulltext Availability:

Detailed Description

Detailed Description

... purchase protected data structures, and content creators, owners, and
producers can.

1. showcase, sell, syndicate, **distribute**, license, even auction their
content ; 2. run promotions and advertise their protected data structures
to stimulate
distribution;
3. organize their data structure libraries into syndicable or
subscription tiers, suites, and collections.

A typical **user** experience at a data library according to the invention
might be as follows.

A user...

13/3,K/6 (Item 6 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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01035144 **Image available**

METHOD AND SYSTEM FOR PROVIDING MULTIPLE SERVICES VIA A POINT-OF-SALE
PORTAL ARCHITECTURE

PROCEDE ET SYSTEME POUR FOURNIR PLUSIEURS SERVICES PAR L'INTERMEDIAIRE
D'UNE ARCHITECTURE DE PORTAILS DE POINTES DE VENTE

Patent Applicant/Assignee:

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Inventor(s):

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HEISINGER Pete, 170 Swett Road, Woodside, CA 94062, US,
Legal Representative:

NG Horace (et al) (agent), TOWNSEND AND TOWNSEND AND CREW LLP, Two
Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, US,
Patent and Priority Information (Country, Number, Date):

Patent: WO 200365178 A2-A3 20030807 (WO 0365178)
Application: WO 2003US3169 20030130 (PCT/WO US03003169)
Priority Application: US 2002353800 20020130; US 2002146551 20020514

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM
DZ EC EE (utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (utility model) SK SL TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI
SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4400

International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... in the retail business. Since different industries very often have
their own particular requirements, different **subscribers** may choose to
have different combinations of subscribed services, customization and
user experience.

[171 Services **syndication** and **content distribution** may also vary
depending on the **subscriber**'s customization requirements 1 1. For
example, as shown in Fig. 1, a first **subscriber** may wish to subscribe
to services A, B and C, a second subscriber may wish...

13/3,K/7 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01030739 **Image available**

SYSTEM AND METHOD OF DISTRIBUTING PUBLIC RELATIONS AND MARKETING CONTENT
Système et procédé de distribution de contenu de relations publiques et de
marketing

Patent Applicant/Inventor:

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(Residence), US (Nationality)

Legal Representative:

CROCKETT K David (agent), Crockett & Crockett, 24012 Calle De La Plata,
Suite 400, Laguna Hills, CA 92653, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200360790 A1 20030724 (WO 0360790)
Application: WO 2002US40433 20021217 (PCT/WO US0240433)
Priority Application: US 2001344599 20011221

Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK
TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4729

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... the vast majority of information producers' news content.

Gatekeepers are an impediment to the full **distribution** of **content**, publishing or **broadcasting** a very small percentage of this information. In addition, fees charged by research/archival database services and content **syndicators** and information aggregators are often cost-prohibitive for most information **consumers**. News content delivered to Internet portals and Web

13/3,K/8 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01009618

METHOD AND SYSTEM FOR CREATION, MANAGEMENT AND ANALYSIS OF DISTRIBUTION SYNDICATES
PROCEDURE ET SYSTEME DE CREATION, GESTION ET ANALYSE DE SYNDICATS DE DISTRIBUTION

Patent Applicant/Assignee:

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US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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TROYANSKY Lidror, 25 Kanfey-Nesharim Street, 52357 Ramat Gan, IL, IL (Residence), IL (Nationality), (Designated only for: US)

LITAI Assaf, 5 Fierberg Street, 44347 Kfar Saba, IL, IL (Residence), IL (Nationality), (Designated only for: US)

CARNY Ofir, 16 Hayam Street, 44864 Kochav Yair, IL, IL (Residence), IL (Nationality), (Designated only for: US)

BARATZ Arik, 2 HeHadas Street, 38246 Hedera, IL, IL (Residence), IL (Nationality), (Designated only for: US)

ROGLIT Guy, 5 Szold Street, 47225 Ramat HaSharon, IL, IL (Residence), IL (Nationality), (Designated only for: US)

AVISAR Hila, 19 HaPodim Street, 52566 Ramat Gan, IL, IL (Residence), IL (Nationality), (Designated only for: US)

• Legal Representative:
G E EHRLICH (1995) LTD (agent), 28 Bezalel Street, 52521 Ramat Gan, IL,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200338695 A1 20030508 (WO 0338695)
Application: WO 2002IL268 20020331 (PCT/WO IL0200268)
Priority Application: US 2001279133 20010328

Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM
DZ EC EE (utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (utility model) SK SL TJ TM TN
TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13860

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... and more particularly to ad hoc dynamic syndication of various entities for the purpose of **distributing** digital **content** or service.

One of the pillars of modern economy are distribution chains, where goods undergo various steps during their production, assembly and distribution before reaching the end **user**. Such distribution chains are designed to allow each participating entity to focus on a certain... the various entities in order to maximize the total utility of the transactions. Ad hoc **syndication** may be susceptible to non-cooperative behavior, best described by the "prisoner dilemma" model in the context of game theory. In addition, potential **participants** in such a **syndicate** usually come from diverse backgrounds and do not share a common language that SUMMARY OF...candidates include at least one money collector capable of performing monetary transactions related to the **distribution** of digital **content** or service over the communication network.

According to still further features in the described preferred embodiments the at least one money collector is capable of collecting funds from end **user** of the digital **content** and/or **transfer** money to the plurality of **syndication** candidates.

According to still further features in the described preferred embodiments the funds are provided...order to enhance the authentication level and/or to obtain a better estimate of the **user** credibility (of any **participant** in the graph), thereby reducing or assessing chances of fraud. **Content distribution networks**'(CDNs) 170, which provide efficient **distribution** of **content** by employing **distributed** networks of proxy servers (e.g., using the "Akamai" method, described in U.S. patent...130 is equipped with software client 1,37, money

collector 132 is equipped with software **client** 1327, service provider (SP) 140 is equipped with software **client** 147, content server 150 is equipped with software **client** 157, **user** 160 is equipped with software **client** 167, **content distribution** network 170 is equipped with software **client** 177, commercial advertiser 180 is equipped with software **client** 187 and promotion advertising io agency 182 is equipped with software **client** 1827.

These software clients contain software modules that use algorithms that facilitate the formation of...content provider to provide a succinct description of the content

Re-launch content: allowing the **user** quicker launching, while using information accumulated during a previous launching.

Evaluate graphs of **distribution** for any type of **content** : a function which exposes potential candidates to **syndication** (e.g., resellers, advertisers, promoters, other content providers etc.) and an optimized distribution graph.

Evaluation...SP that stores the content.

Additional information that may be required includes credit/debit issues, **consumer** authenticity (credentials), the sum in question and advertising related information.

Information relating to the syndicate candidates may be needed for an advertising event, which may mean that a commercial/proinotional **content** is streamed, **downloaded**, multicasted, **broadcasted** or delivered by other means to a **consumer**.

Other data that may ...that provides the resources can be initiated by one of the vendors or by a **user** that needs the combined resources, in a manner similar to that described above for **content distribution syndicates**.

Additional objects, advantages, and novel features of the present invention will become

Claim

... candidates include at least one money collector capable of performing monetary transactions related to the **distribution** of digital **content** or service over the communication network.

15 The method of claim 14, wherein said at least one money collector is capable of collecting funds from end **user** of the digital **content** and/or **transfer** money to said plurality of **syndication** candidates.

16 The method of claim 15, wherein said funds are provided via credit or...

13/3,K/9 (Item 9 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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01002235 **Image available**

CUSTOMER RELATIONSHIP MANAGEMENT
GESTION DES RELATIONS CLIENTS

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200332226 A1 20030417 (WO 0332226)
Application: WO 2002US31304 20021001 (PCT/WO US0231304)
Priority Application: US 2001972277 20011005

Parent Application/Grant:

Related by Continuation to: US 2001972277 20011005 (CON)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9470

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... The content syndication and multi-channel coirinitinication, t, cature 2282 refers to the ability to **distribute content** to paitners by event, scliedule or on demand.

The **customer** data governance capabilities 50 relates ...to sets of rules and policies associated with the capture, use and distribution o l-, **customer** data. The rules and policies may be legislated by the goverimient, an industry or an...

13/3, K/10 (Item 10 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00991430 **Image available**

SYSTEM AND METHOD FOR ASYNCHRONOUS CLIENT SERVER SESSION COMMUNICATION
Système ET PROCEDE POUR LA COMMUNICATION ASYNCHRONE EN SESSIONS DE
CLIENT-SERVEUR

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Legal Representative:

FLIESLER Martin C (et al) (agent), Fliesler Dubb Meyer and Lovejoy LLP,
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200321462 A1 20030313 (WO 0321462)

Application: WO 2002US25729 20020814 (PCT/WO US0225729)

Priority Application: US 2001933493 20010820

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 19779

Main International Patent Class: G06F-015/16

Fulltext Availability:

Detailed Description

Detailed Description

... Central part of the QuestObjects system that provides the link between any number of QuestObjects Clients , any number of QuestObjects Services, and any number of other QuestObjects 1 0 Servers. Maintains ClientSessions that QuestObjects Clients communicate with through the Server Controller. Provides services such as caching, replication and distribution .

QuestObjects Service -- One of the Content Channels provided by a specific Syndicator . A logical name for a Syndicator, a Content Channel 1 5 and its corresponding Content...

13/3,K/11 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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00948149 **Image available**
DISTRIBUTED LINK PROCESSING SYSTEM FOR DELIVERING APPLICATION AND
MULTI-MEDIA CONTENT ON THE INTERNET
SYSTEME DE TRAITEMENT DE LIAISON REPARTIE AFIN DE DISTRIBUER DES
APPLICATIONS ET DES CONTENUS MULTIMEDIA SUR L'INTERNET

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200282292 A1 20021017 (WO 0282292)

Application: WO 2002US10309 20020403 (PCT/WO US0210309)
Priority Application: US 2001826147 20010405
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 28060

Main International Patent Class: G06F-015/16

Fulltext Availability:

Claims

Claim

... module for each of any additional supported client servers 2710. The individual modules actively process **client** requests directed to them via a request selector 2720. The transformation of a **client** request into a request of the required form to initiate the **transfer** of **content** to the **client** is routed to the Internet 2708 via the network interface module 2718. The operator workstation...

13/3,K/12 (Item 12 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00925994 **Image available**

APPARATUS, METHOD, AND SYSTEM FOR ACCESSING DIGITAL RIGHTS MANAGEMENT INFORMATION

APPAREIL, PROCEDE ET SYSTEME D'ACCES A DES INFORMATIONS DE GESTION DE DROITS NUMERIQUES

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200260110 A2-A3 20020801 (WO 0260110)

Application: WO 2002US2322 20020125 (PCT/WO US0202322)

Priority Application: US 2001264333 20010125; US 2001267875 20010208; US 2001267899 20010209; US 2001268766 20010214; US 2001270473 20010221; US 2001276459 20010316; US 2001279792 20010329; US 2001303768 20010710; US 2001328275 20011009; US 2001328274 20011009; US 2001328270 20011009

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 21107

Main International Patent Class: G06F-013/00

Fulltext Availability:
Detailed Description

Detailed Description

... stores metadata that describes the protected digital originate from either a computer coupled to a user or from a third party such as a content distributor, a content syndicator, or a content aggregator.

BRIEF DESCRIPTION OF THE DRAWINGS

The accompanying figures best illustrate the details of the...1432 can be 5 performed by an entity other than publisher 1410.

In another embodiment, customer 1450 can access secure work 1415 through content distributor, syndicator, or aggregator 1440. The content distributor, syndicator, or aggregator 1440 will allow customer 1450 to browse metadata database 1422. Metadata database 1422 includes, but is not limited to, a listing service, catalog service, or sales directory service.

When customer 1450 demonstrates an interest in a work such as secure work 1415, the content distributor, syndicator, or aggregator 1440 sends a request to content hosting 1420 and retrieves secure work 1415. Content distributor, syndicator, or aggregator 1440 is also coupled to rights clearinghouse 1430 to coordinate, as described above, the payment by customer 1450 for the rights associated with secure work 1415. It is to be understood that publisher 1410 and content distributor, syndicator, or aggregator 1440 can perform the functions described above on either a single computer or...with a similar title, or in a different format or language. In yet another example, content distributor, syndicator or aggregator 1440 who wishes to present a number of ilable works by a single author to a community of customers 1450 can communicate with
aval
metadata database 1422 to look-up the DOIs of the...

...using the DOIs to request the appropriate works.

Multiple Resolution

Referring again to Figure 14, customer 1450 causes a request for DOI resolution to be made to the DOI system either by directly entering a DOI or by relying upon content distributor, syndicator, or aggregator 1440 to enter the DOI, or by using end- user DRM software that can make a DOI request. The DOI request is sent to a...

...many pieces of data, depending on the type of request made to the DOI system. Customer 1450 or content distributor, syndicator, or aggregator 1440 may choose to integrate the type of resolution request into the DOI...

13/3,K/13 (Item 13 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT

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00925690 **Image available**

**MODULAR DISTRIBUTED MOBILE DATA APPLICATIONS
APPLICATIONS MODULAIRES DE DONNEES MOBILES DISTRIBUEES**

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200259773 A1 20020801 (WO 0259773)

Application: WO 2001US46881 20011204 (PCT/WO US0146881)

Priority Application: US 2000251285 20001204

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 21690

Main International Patent Class: G06F-017/21

Fulltext Availability:

Detailed Description

Detailed Description

... Information and Context Exchange (ICE) protocol is designed to manage establishing "syndication" relationships and data **transfer** for **content distribution**. ICE is an application of XML. ICE enables establishing and managing **syndicator - subscriber**

2

relationships for transferring content that is generally originated by the **syndicator** and consumed by the **subscriber**, such as news or weather reports. This system essentially supports one-way **distribution** of **content**, i.e., **publication**, rather than interactive, mobile applications implementing and synchronizing distributed databases. Still, it does suggest a...

13/3,K/14 (Item 14 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00890252

SYSTEM FOR TRANSMITTING SYNDICATED PROGRAMS OVER THE INTERNET

SYSTEME DE TRANSMISSION D'EMISSIONS SOUSCRITES SUR L'INTERNET

Patent Applicant/Assignee:

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GUSTAFSON Jeffrey Sven, 6815 Stonewood Court, Eden Prairie, MN 55346, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

FORREST Peter R (agent), Gray, Plant, Mooty, Mooty & Bennett, P.A., P.O. Box 2906, Minneapolis, MN 55402-0906, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200223435 A1 20020321 (WO 0223435)
Application: WO 2001US28236 20010910 (PCT/WO US0128236)
Priority Application: US 2000659664 20000912

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 11708

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... package. The software means is further operable for distributing the media package to the Internet **user**. In this manner a regional broadcasting station can preserve its investment in purchasing **syndicated** broadcast rights by ensuring preservation of its regional advertisement distributor area. Methods for performing the...380, a national producer of syndicated media content 360, and an Internet site adapted to **distributing syndicated** media **content** 330. In the embodiment shown in Figure 3, the server of Figure 2 is shown as 350 and the remote **client** of Figure 2 is shown as 320. Again, server 350 includes processor and memory capabilities...

...means is operable on the server and network for obtaining localizing data on an Internet **user**, prior to
12

distributing syndicated media **content** to the I
operable for selecting a number of advertiser
plurality of advertisements based on...

...means is operable for combining the selected number of advertisements with a set 5 of **syndicated** media content to form a media package. And the software means is operable for distributing the media package to the Internet **user**.

Figure 3 shows a computer 320 which can be used by an Internet user audience...producers 482 and 485, a radio broadcast station 470, and an

Internet site adapted to **distributing syndicated media content** 430. In the embodiment shown in Figure 4, the server of Figure 2 is shown as 450 and the remote **client** of Figure 2 is shown as 420. Again, server 450 includes processor and memory capabilities...

...means is operable on the server and network for obtaining localizing data on an Internet **user**, prior to **distributing syndicated media content** to the Internet **user**. The software means is 15 operable for selecting a number of advertiser plurality of advertisements...

...obtai means is operable for combining the selected number of advertisements with a set of **syndicated media content** to form a media package. And the software means is 5 operable for distributing the media package to the Internet **user**.

In the embodiment shown in Figure 4, the Internet site receives the **broadcast transmission** through server 450 from a **broadcast data bank** 455. In the embodiment shown in Figure 4, the same routing applies, however...includes obtaining the localizing data from a positioning system having location information on the Internet **user**.

In one embodiment, the requested set of media content includes a set of media **content** that has been previously **distributed**. In one embodiment of Figure 7, combining the selected number of advertisements with a requested...

...shown in Figure 8, a method for exposing Internet users to advertisements together with the **distribution of syndicated media content** in a manner that is generic to conventional syndicated broadcast agreements is provided. The method includes obtaining localizing data on an Internet **user**

23 requesting syndicated media content, prior to
The method includes selecting a number of a...

Claim

... media content to form a media package; and
distributing the media package to the Internet **user**.

48 A method for exposing Internet users to advertisements together with the **distribution of syndicated media content** in a manner which is generic to conventional **syndicated broadcast agreements**, comprising:
obtaining localizing data on an Internet **user** requesting **syndicated media content**; and
determining an appropriate source for distributing a media package, the media package...

13/3,K/15 (Item 15 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00883055 **Image available**
TRACKING AND RECORDING TECHNIQUES FOR ONLINE CONTENT
TECHNIQUES DE POURSUITE ET D'ENREGISTREMENT DE CONTENU EN LIGNE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200217205 A2-A3 20020228 (WO 0217205)

Application: WO 2001US41837 20010821 (PCT/WO US0141837)

Priority Application: US 2000643083 20000821

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EC
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7781

Main International Patent Class: G06F-017/60

International Patent Class: G06F-001/00 ...

... G06F-011/34 ...

... G06F-017/30

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... created by content provider 103), or aggregated (e.g., collected from a number of sources). **Syndicator** module 105 may further include a content repository for storing the digital content to be **syndicated**.

Subscriber module 109 receives syndicated digital content from syndicator 105. In one embodiment, **subscriber** module 109 is implemented in software running on a server (or equivalent computing environment) associated...

...data flag associated with syndicator module 105 is set when new digital content is received. **Subscriber** module 109 can poll this flag and, responsive to the flag being set, download the new **content** from syndicator module 105 using the ICE protocol. Other communication protocols that allow digital information...

Claim

... 18

. The system of claim 15 wherein the content provider includes a syndicator module for **distributing syndicated digital content** to the **subscriber** module included in the

publisher.

17 The system of claim 15 wherein the **subscriber** module determines whether there is syndicated digital content to be retrieved from the content provider...

13/3,K/16 (Item 16 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00857216 **Image available**

**SYSTEM AND METHOD FOR GENERATING A WIRELESS WEB PAGE
Système et méthode pour créer une page web sans fil**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 20010873 A1 20011129 (WO 0190873)

Application: WO 2001US16576 20010522 (PCT/WO US0116576)

Priority Application: US 2000576703 20000522

Designated States:

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AU KR

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 18155

Main International Patent Class: G06F-003/00

International Patent Class: G06F-013/00

Fulltext Availability:

Detailed Description

Detailed Description

... variety of other purposes.

For a typical web page wherein the company would like to **distribute** the **content** from that web page to multiple different wireless devices, such as cellular phones, Palm devices, pagers and the like, a group of **people** must go back to a database of content and re-create each new page for...

...must be regenerated. Thus, it is desirable to provide a system that permits a single **user**, such as the producer of a web page, to more easily deconstruct an information source, such as an HTML web page, an XMI, document, an ICE document (a content **syndication** format), a Reuters feed or the like, into its atoms to generate atoms, relate the...

13/3,K/17 (Item 17 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00839973 **Image available**
METHOD AND SYSTEM FOR CONDUCTING BUSINESS-TO-BUSINESS TRANSACTIONS IN AN ELECTRONIC NETWORK
PROCEDE ET SYSTEME PERMETTANT D'OPERER DES TRANSACTIONS COMMERCIALES DANS UN RESEAU ELECTRONIQUE

Patent Applicant/Assignee:

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(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
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Detailed Description

Claims

English Abstract

...Transactive content including product information and business rules is distributed from a vendor to its **subscribers** through a **syndicated** electronic catalog in machine-readable and machine executable format. A distributed software application includes a vendor application (310) for preparing and **distributing** the transactive **content** and a **subscriber** application (320, 322, 324) for reading and processing this **syndicated** transactive content. The machine-readable transactive contents of the vendor catalog are automatically processed by the **subscriber** application (320, 322, 324) and seamlessly and automatically integrated with the current content in the...

...of the vendor catalog as an integral unit in the subscriber's catalog. Alternatively, the **subscriber** application (320, 322, 324) can be configured to automatically assign product content to specific sections of the **subscriber**'s catalog. The **subscriber** catalog can thereby include integrated **syndicated** content from a plurality of vendor

sources, displayed according to product type. A **customer** can then select and purchase displayed items from the **subscriber**'s catalog. A source identification code particular to a **subscriber** is incorporated into the **distributed** transactive **content** for the respective **subscriber**. This source identification code is incorporated into an electronic order to permit the vendor to...

Detailed Description

... Internet and, more specifically, the World Wide Web. A syndicated electronic catalog is used to **distribute** transactive **content** such as product descriptions and images from a vendor to its **subscribers**, for example distribution partners. The **syndicated** catalog is provided in a machine readable and machine executable format so that the **subscriber** application can be used to display any or all of the transactive content of the...

...sale and remit to the correct subscriber the portion of the purchase price attributable to the **subscriber**'s profit.

The invention includes a distributed software application, including a vendor application that is-accessible to the vendor computer system for preparing and **distributing** the transactive **content** of the electronic catalog, preferably using the Internet. A **subscriber** application that is accessible to the **subscriber** computer system is used for reading and processing this **syndicated** transactive content. Because the transactive content is provided in a machine-readable format, preferably XML, the contents of the catalog can be easily re

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formatted by the **subscriber**, stored in the **subscriber**'s database, and displayed on the **subscriber**'s Web site as a part of the **subscriber**'s -catalog. Because the **syndicated** content is provided in a machine readable format, it is seamlessly integrated with the current content in the **subscriber**'s catalog, with modified content automatically replacing a previous entry.

In one embodiment, the subscriber...distributor, or other entity that distributes the catalog according to the present invention. The term "**subscriber**" as used herein shall refer to one or more affiliates, subsidiaries, groups, partners, or other parties or entities that subscribe to syndicated **content distributed** by the vendor according to the present invention. The term "**customer**" refers herein to an individual or individuals who view a document served by the **subscriber**'s document server and who are prospective and/or actual **customers** of the **subscriber**. A **subscriber** may be required to pay a fee to receive the **syndicated** information.

The use of the terms "vendor," "**subscriber**," and "**customer**" is 'in no way intended to limit 'the scope of the present invention as claimed...

...the vendor's site to prepare transactive content and other

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parts residing at the **subscriber**'s site to read and process transactive **content**. The part of the **distributed** software application that resides at the-vendor's site will be referred to herein as the "vendor application and the part that is resident on the **subscriber**'s computer will be referred to as the "subscriber application." The terms vendor application and...

...Such transactive content can, but is not required to, be related to a business transaction. **Syndicated** - content, as used herein, refers to

content from another source that can be integrated into a **subscriber**'s site for use by the **subscriber**, for example, in a **subscriber** catalog. This information can be distributed to the subscribers at different times or simultaneously
Any...

Claim

... further comprising the step of integrating a plurality of syndicated electronic vendor catalogs into the **subscriber** catalog. I0. The method of claim 1, further comprising the step of **distributing** updated transactive . **content** to the **subscriber** catalog. I 1. The method of claim 1, further comprising the step of **distributing** the same transactive **content** to all **subscribers** .

12 The method of claim 1, further comprising the step of distributing different transactive content to different **subscribers** .

13 The method of claim 1, further comprising the step of associating a business rule...

13/3,K/18 (Item 18 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00795116 **Image available**
A METHOD AND SYSTEM FOR AUTOMATICALLY STRUCTURING CONTENT FROM UNIVERSAL MARKED-UP DOCUMENTS
PROCEDE ET SYSTEME DE STRUCTURATION AUTOMATIQUE DE CONTENU A PARTIR DE DOCUMENTS UNIVERSELS MARQUES

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Detailed Description

Detailed Description

... be bundled with a front-end application such as a web sites, for the end user of the distributor . Alternatively aggregated content may be supplied (or parts thereof, depending on the distributor different distributors may be interested...

...only over all the USA. This platform is beneficial for brands, merchants and aggregated businesses, content distributors - scalable, fast and efficient aggregation of content in multiple markets and localities, and end users (Internet & wireless subscribers) - an efficient, high-quality search too]. This platform enables content unification for markets that include...

13/3,K/19 (Item 19 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT
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00788756 **Image available**

CONTENT DISTRIBUTION SYSTEM AND METHOD

SYSTEME ET PROCEDE DE DISTRIBUTION DE CONTENU

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Claims

Claim

... to a secondary content provider from a secondary content provider, wherein the information includes secondary **content**; and means for **transmitting** information corresponding to the secondary **content** and the primary content container to the **consumer**.

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. The system of claim 98, wherein the means for transmitting information further **transmits** a connection to the secondary **content** to the **consumer**.

100. The system of claim 98, further comprising:

means for obtaining real-time attributes based on statistics associated with the primary content provider, characteristics associated with the **consumer**, or predetermined attributes; and

means for selecting secondary **content** to **transmit** to the **consumer** based on the attributes or characteristics.

101. The system of claim 98, further comprising:

means for detecting when the **consumer** selects the secondary content.

102. The system of claim 98, further comprising:

means for detecting...

...the data processing

system with information further comprises:

means for detecting tracking information when the **consumer** requests the secondary

content from the secondary **content** provider; and

means for **transmitting** information corresponding to the tracking information to a data processing system. 107. A system for receiving

content on a **consumer** computer, wherein the content is from a primary content provider and a secondary content provider, comprising:

means for receiving a request from a **consumer** for **content**;

means for **transmitting** a request to a server to locate at least one secondary content provider to provide the content to the **consumer** using real-time market mechanisms; and means for **transmitting** the **content**

with the **content** from the primary content ...content provider and the information supplied by the tenant and the vacancy provider at the **consumer** computer.

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. The system of claim 107, wherein the means for receiving a request further comprises means for receiving characteristics associated with the **consumer**.

109. A system for **distributing** digital **content**, comprising:

means for determining whether a vacancy is associated with particular digital

content;

means for...

...detecting further comprises: means for including tracking information within a storage format local to the

consumer; and

means for receiving information associated with the tracking information when the **consumer** selects the secondary digital **content**.

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. A system for **distributing** digital **content**, comprising:

means for receiving a request for a container;

means for identifying a unit of...an electronic marketplace to fill the

vacancy.

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. A system for receiving content on a **consumer** computer, wherein the content is from a primary content provider and a secondary content provider, comprising the steps of. means for **transmitting** a request for a primary **content** container associated with a primary content provider to a primary content provider, wherein the container...

...the means for transmitting a request further comprises means for transmitting characteristics associated with the **consumer**.

124. A system for creating units of content for vacancies, comprising: means for defining units of content, wherein content attributes are associated with each unit of **content**; and means for **transmitting** information reflecting the attributes to a trading floor that fills vacancies with units of content...to a secondary content provider from a secondary content provider, wherein the information comprises secondary

content; and

a **transmitting** module for **transmitting** information corresponding to the secondary **content** and the primary content container to the **consumer**. 147. The computer readable medium of claim 146, wherein the transmitting module further **transmits** a connection to the secondary **content** to the **consumer**.

148. The computer readable medium of claim 146, further comprising: an obtaining module for obtaining...

...time attributes based on statistics associated with the primary content provider, characteristics associated with the **consumer**, or predetermined attributes; and

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a selecting module for selecting secondary **content** to **transmit** to the **consumer** based on the attributes or characteristics.

149. The computer readable medium of claim 146, further comprising: a detecting module for detecting when the **consumer** selects the secondary content.

150. The computer readable medium of claim 146, further comprising: a...

...wherein the providing module further comprises:

a detecting module for detecting tracking information when the **consumer** requests

the secondary content from the secondary **content** provider; and a **transmitting** module for transmitting information corresponding to the tracking information to a data processing system. 155 receiving a request from a **consumer** for **content**;

a **transmitting** module for **transmitting** a request to a server to locate at least one secondary content provider to provide the content to the **consumer** using real-time market

mechanisms; and

a **transmitting** module for **transmitting** the **content** with the **content** from the primary content provider and the secondary content provider and the information supplied by the tenant and the vacancy provider at the **consumer** computer.

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. The computer readable medium of claim 155, wherein the receiving module further receives characteristics associated with the **consumer**. 157. A computer readable medium for controlling a data processing system to perform a **content** selection and **distribution** method for trading

content and vacancies on a network in a data processing system, the computer readable medium comprising...

...associated with secondary content; and a module that trades vacancies and units of the secondary **content** and that selectively **distributing** the units of secondary **content** with corresponding containers to **consumers** based on results of the trade.

158. The computer readable medium of claim 157, wherein...consumer; and a receiving module for receiving information associated with the tracking information when the **consumer** selects the secondary digital content.

170. A computer readable medium for controlling a data processing system to perform a method for **distributing** digital **content** in a data processing system, the computer readable medium comprising:

a receiving module for receiving...

?